

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041744.D
 Acq On : 12 Dec 2024 11:04
 Operator : SY/MD
 Sample : P5150-06DUP
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 14:23:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 12 13:35:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.774	49	240929	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.939	114	1155765	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.865	117	1010391	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	675151	10.165	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.492	85	18612	0.440	ppbv	100
3) Chlorodifluoromethane	1.470	51	20344	0.620	ppbv #	84
4) Chloromethane	1.525	50	5081	0.453	ppbv	99
6) Bromomethane	1.661	94	333	0.037	ppbv #	35
9) Propene	1.554	41	12454	0.890	ppbv	84
10) Heptane	4.955	43	41710	1.079	ppbv	96
11) Trichlorofluoromethane	1.871	101	10864	0.223	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.130	101	2746	0.063	ppbv	94
13) Ethanol	1.712	45	224791	194.320	ppbv	96
15) Acetone	1.826	43	842933	30.303	ppbv	99
16) 1,3-Butadiene	1.596	39	1924	0.206	ppbv #	67
17) tert-Butyl alcohol	2.263	59	28806	0.714	ppbv	98
19) Isopropyl Alcohol	1.877	45	52905	2.002	ppbv #	1
20) Methylene Chloride	2.052	84	12969	0.770	ppbv	94
21) Allyl Chloride	2.046	41	44433	2.837	ppbv #	23
23) Vinyl Acetate	2.467	43	31990	1.899	ppbv #	54
25) Ethyl Acetate	4.955	43	41710	1.079	ppbv #	96
26) Hexane	2.813	57	116111	3.097	ppbv #	47
29) Chloroform	2.836	83	24020	0.418	ppbv	95
30) Cyclohexane	3.842	84	29183	0.693	ppbv	97
34) 2-Butanone	2.467	43	31990	0.791	ppbv #	46
35) Carbon Tetrachloride	3.745	117	2869	0.053	ppbv #	87
36) Benzene	3.641	78	47429	0.522	ppbv	98
38) Trichloroethene	4.532	130	2871	0.061	ppbv #	90
39) 1,2-Dichloropropane	3.939	63	190592	6.582	ppbv #	33
41) Tetrahydrofuran	3.056	42	1365	0.056	ppbv	93
51) 2-Hexanone	7.402	43	8231	0.172	ppbv #	16
52) Tetrachloroethene	8.205	164	10370	0.215	ppbv #	88
53) Toluene	6.914	91	190225	1.703	ppbv	98
58) Ethyl Benzene	9.341	91	72440	0.536	ppbv	98
59) m/p-Xylene	9.519	91	159461	1.539	ppbv	95
60) o-Xylene	9.953	91	62880	0.612	ppbv	97
62) Isopropylbenzene	10.529	105	12390	0.073	ppbv	99
64) n-propylbenzene	10.979	120	7776	0.156	ppbv	81
65) tert-Butylbenzene	11.875	119	9270	0.058	ppbv	94
66) Benzyl Chloride	10.849	91	6598	0.057	ppbv #	54
69) p-Isopropyltoluene	11.918	119	8592	0.048	ppbv	95
72) 4-Ethyltoluene	11.086	105	72190	0.544	ppbv #	83
73) 1,3,5-Trimethylbenzene	11.196	105	23968	0.223	ppbv	97
74) 1,2,4-Trimethylbenzene	11.529	105	79433	0.681	ppbv #	68
79) Naphthalene	13.510	128	8080	0.081	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	1941	0.054	ppbv #	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
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Operator : SY/MD
Sample : P5150-06DUP
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 12 14:23:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Dec 12 13:35:39 2024
Response via : Initial Calibration

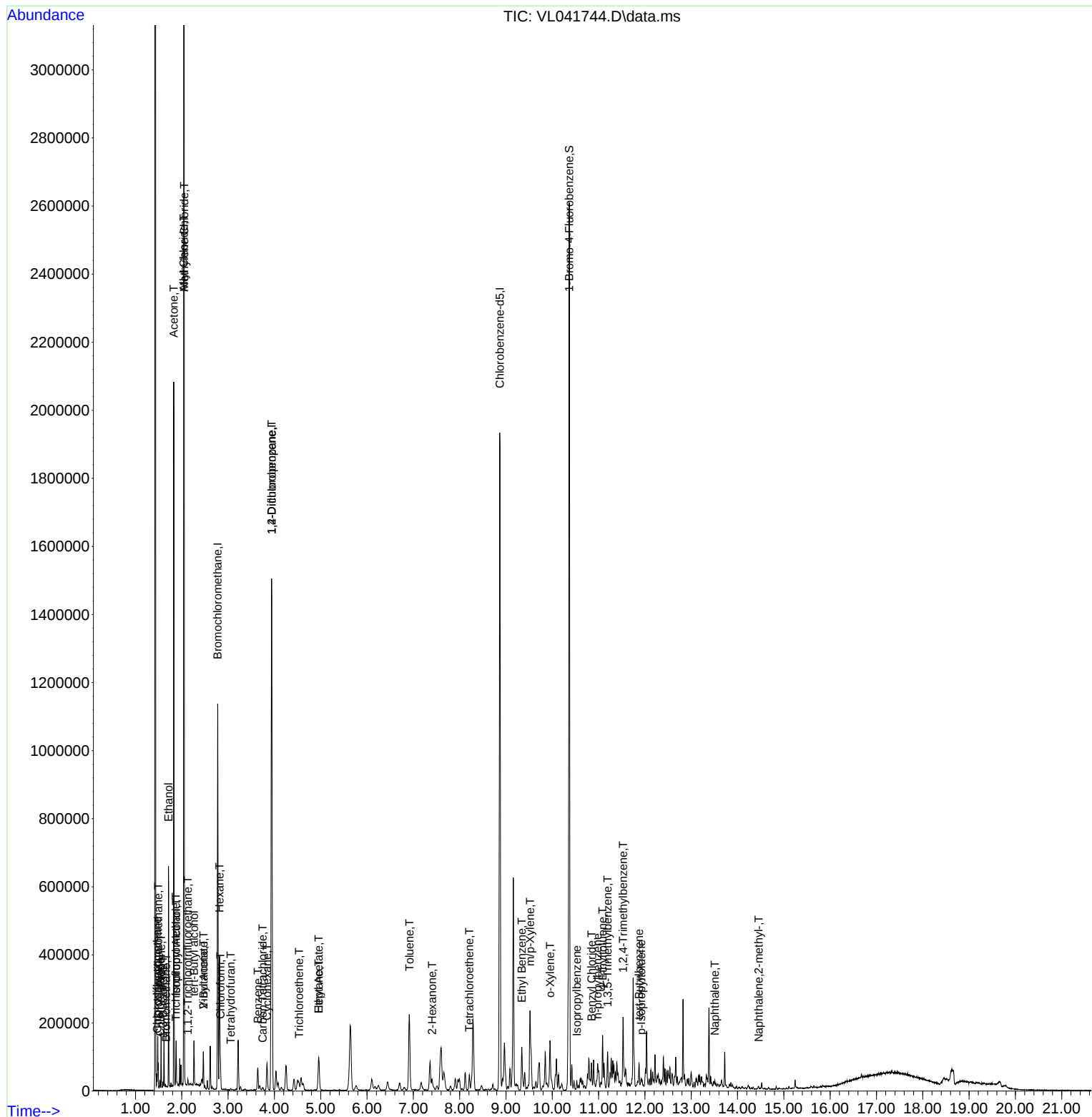
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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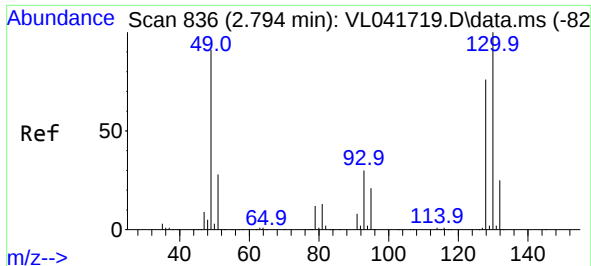
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041744.D
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Instrument :
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ClientSampleId :

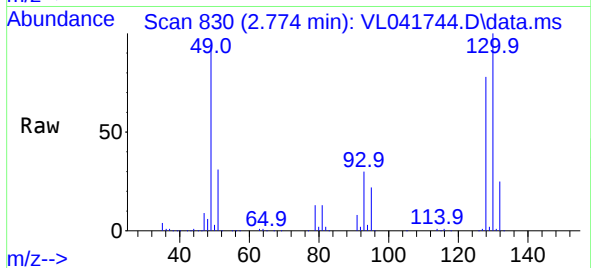
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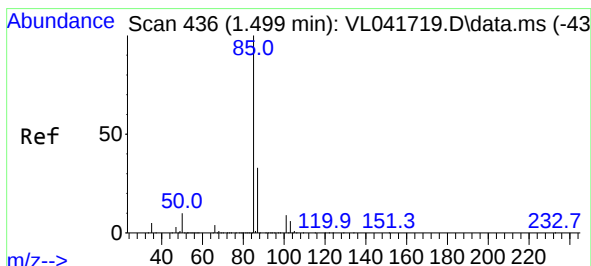
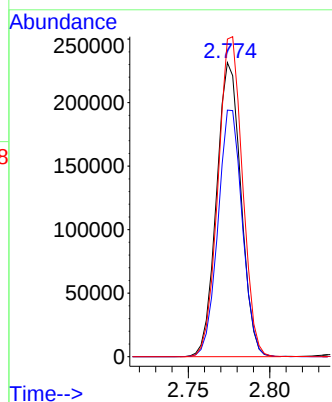


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 81
Delta R.T. -0.020 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Instrument :
MSVOA_L
ClientSampleId :

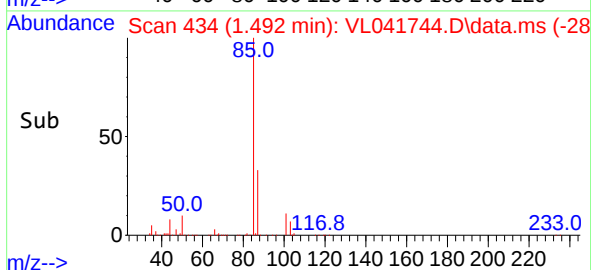
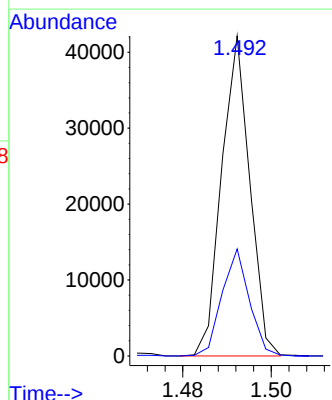
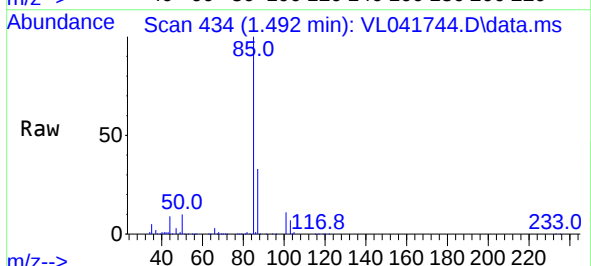


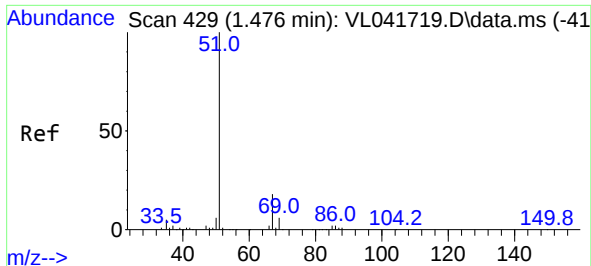
Tgt Ion: 49 Resp: 240929
Ion Ratio Lower Upper
49 100
128 83.4 42.8 128.3
130 108.7 55.8 167.4



#2
Dichlorodifluoromethane
Concen: 0.440 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.007 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 85 Resp: 18612
Ion Ratio Lower Upper
85 100
87 33.4 26.6 39.8

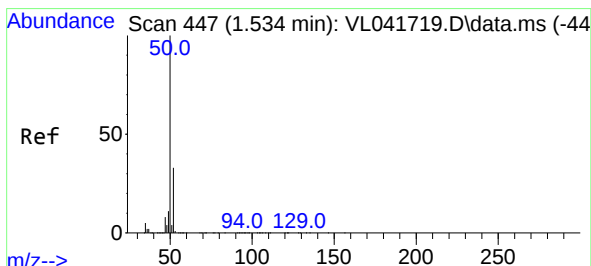
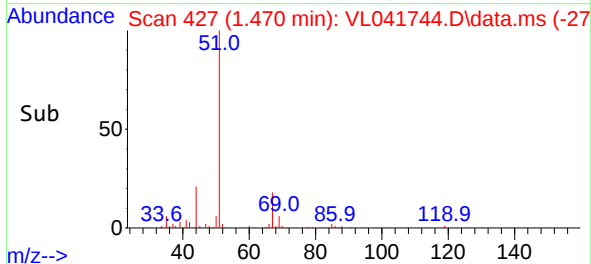
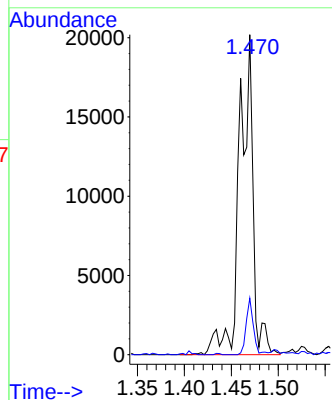
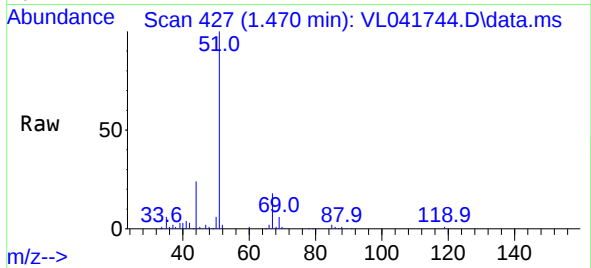




#3
Chlorodifluoromethane
Concen: 0.620 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

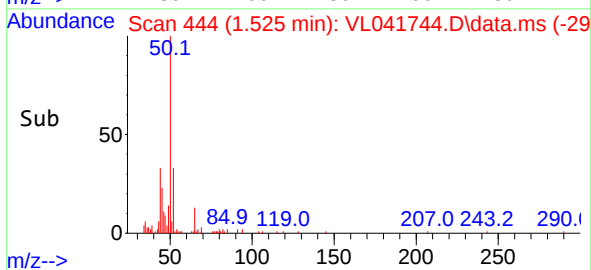
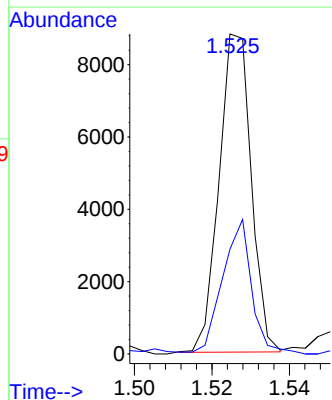
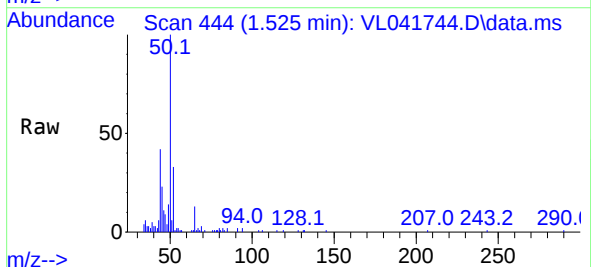
Instrument :
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ClientSampleId :

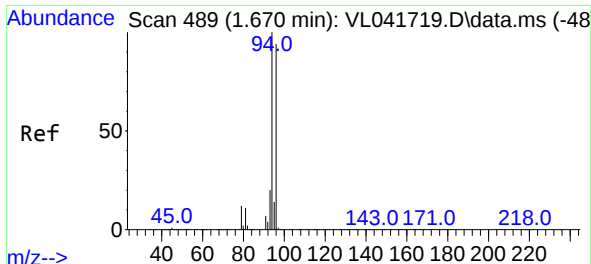
Tgt Ion: 51 Resp: 20344
Ion Ratio Lower Upper
51 100
67 11.0 14.6 21.8#



#4
Chloromethane
Concen: 0.453 ppbv
RT: 1.525 min Scan# 444
Delta R.T. -0.010 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 50 Resp: 5081
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

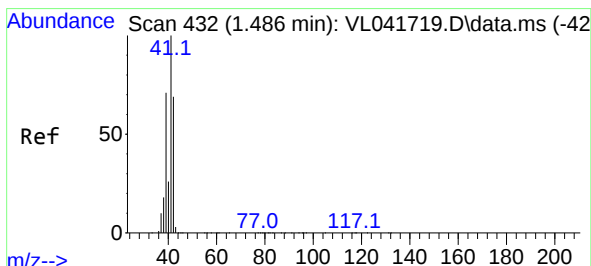
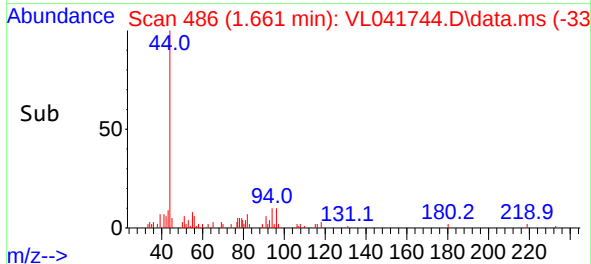
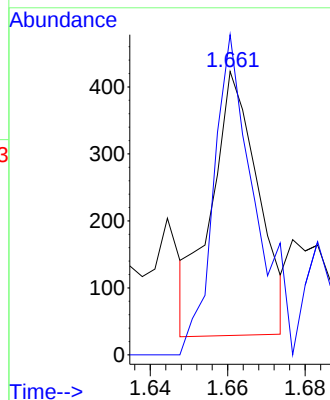
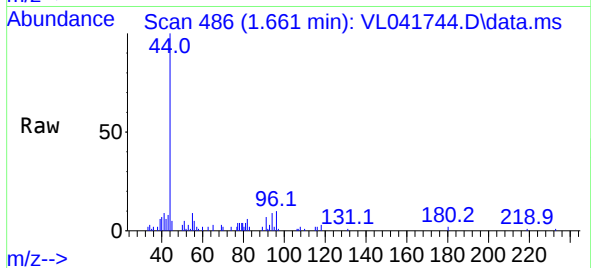




#6
Bromomethane
Concen: 0.037 ppbv
RT: 1.661 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

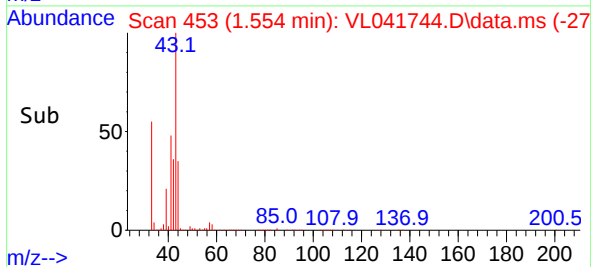
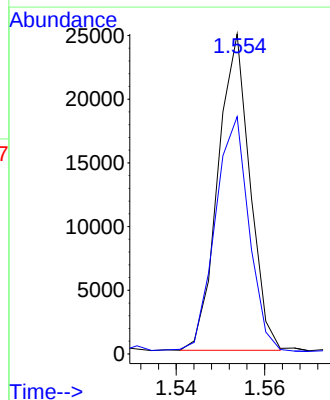
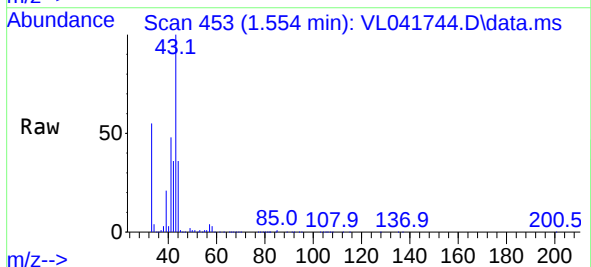
Instrument :
MSVOA_L
ClientSampleId :

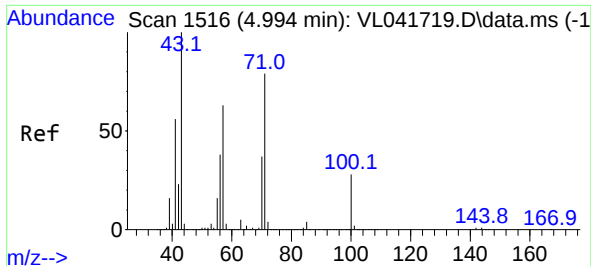
Tgt Ion: 94 Resp: 333
Ion Ratio Lower Upper
94 100
96 157.2 75.4 113.0#



#9
Propene
Concen: 0.890 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.068 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 41 Resp: 12454
Ion Ratio Lower Upper
41 100
42 83.6 56.2 84.4

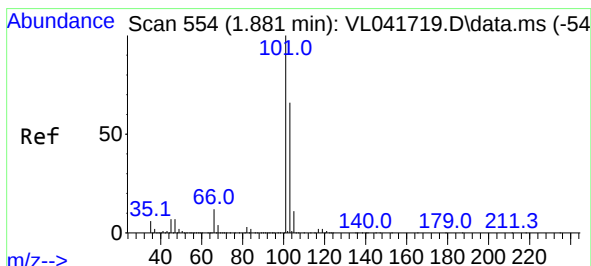
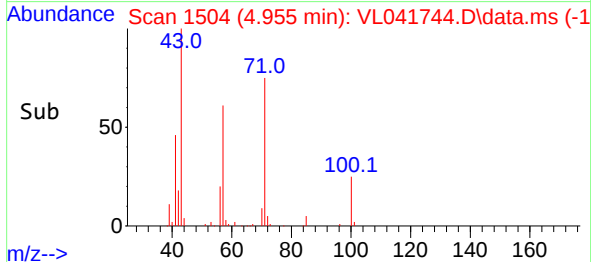
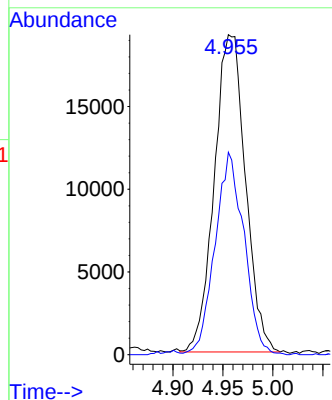
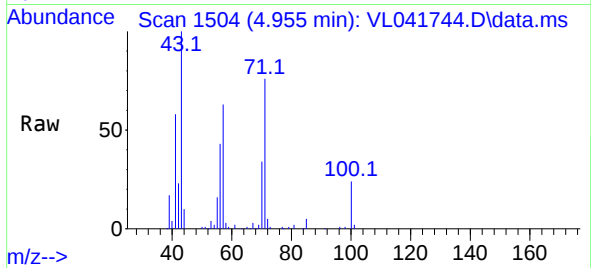




#10
Heptane
Concen: 1.079 ppbv
RT: 4.955 min Scan# 11
Delta R.T. -0.039 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

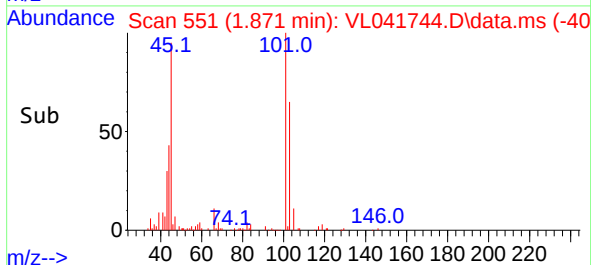
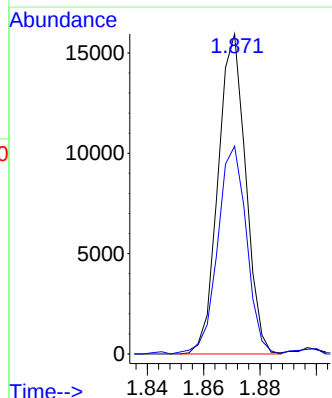
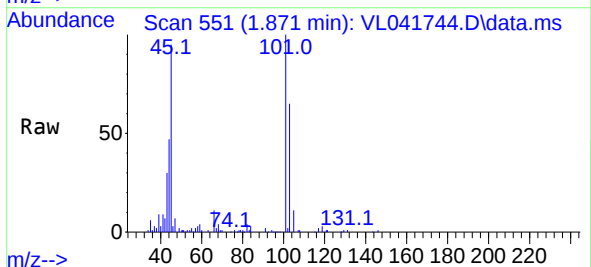
Instrument :
MSVOA_L
ClientSampleId :

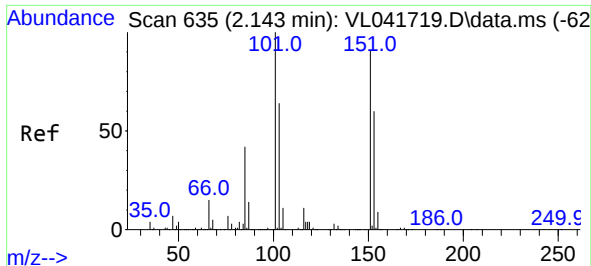
Tgt Ion: 43 Resp: 41710
Ion Ratio Lower Upper
43 100
57 59.9 50.5 75.7



#11
Trichlorofluoromethane
Concen: 0.223 ppbv
RT: 1.871 min Scan# 551
Delta R.T. -0.010 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion:101 Resp: 10864
Ion Ratio Lower Upper
101 100
103 65.0 52.7 79.1

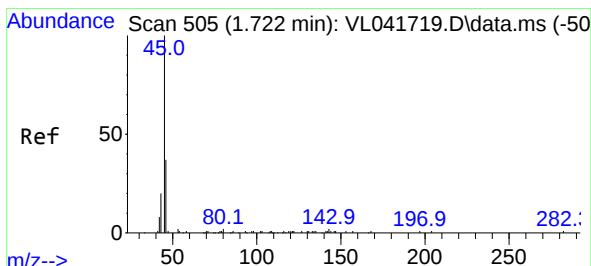
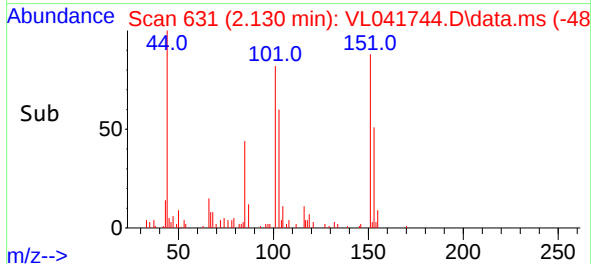
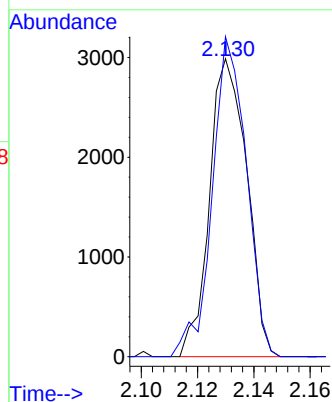
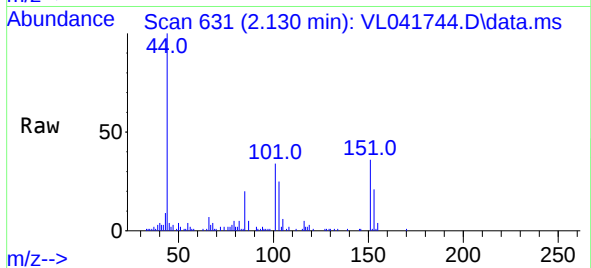




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.063 ppbv
RT: 2.130 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

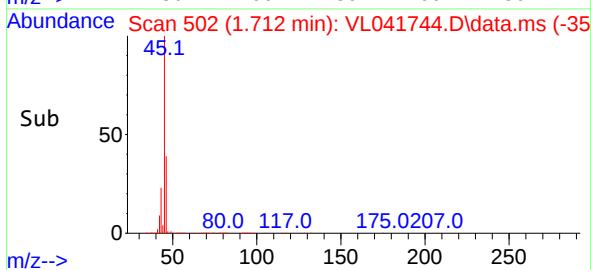
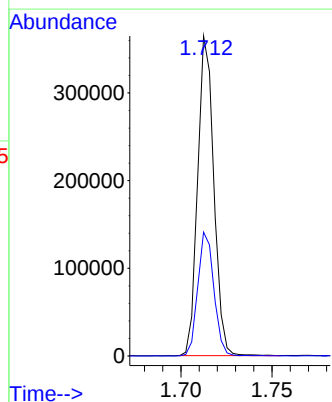
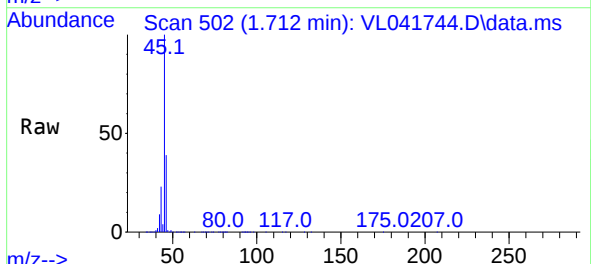
Instrument :
MSVOA_L
ClientSampleId :

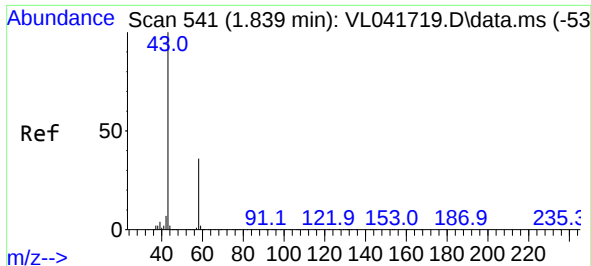
Tgt Ion:101 Resp: 2746
Ion Ratio Lower Upper
101 100
151 98.4 74.4 111.6



#13
Ethanol
Concen: 194.320 ppbv
RT: 1.712 min Scan# 502
Delta R.T. -0.010 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 45 Resp: 224791
Ion Ratio Lower Upper
45 100
46 39.0 16.6 66.6

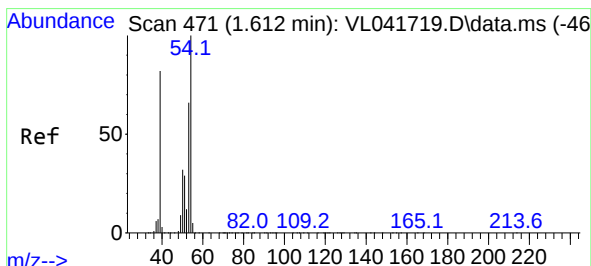
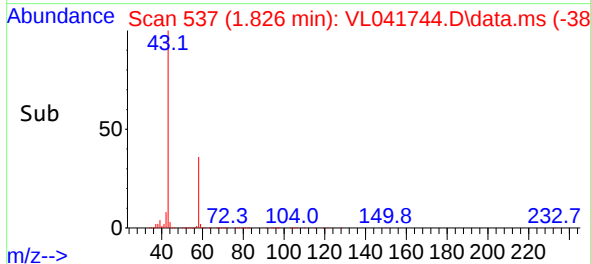
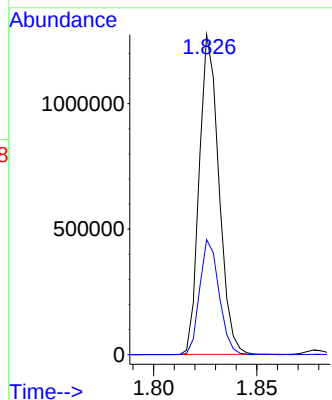
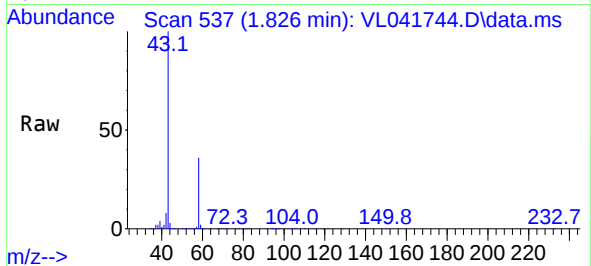




#15
Acetone
Concen: 30.303 ppbv
RT: 1.826 min Scan# 51
Delta R.T. -0.013 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

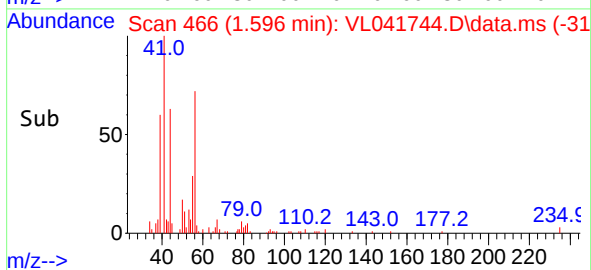
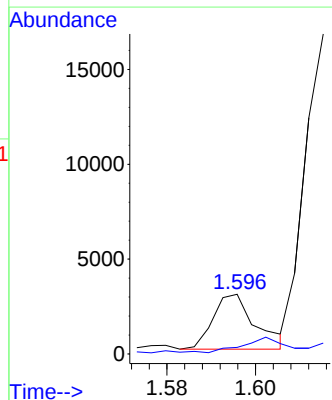
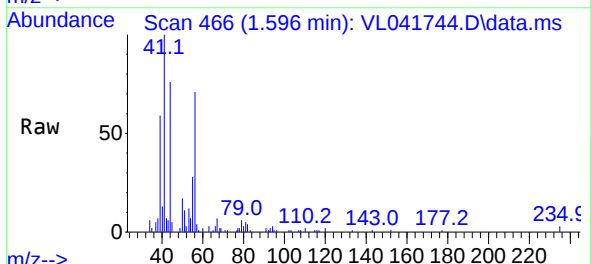
Instrument :
MSVOA_L
ClientSampleId :

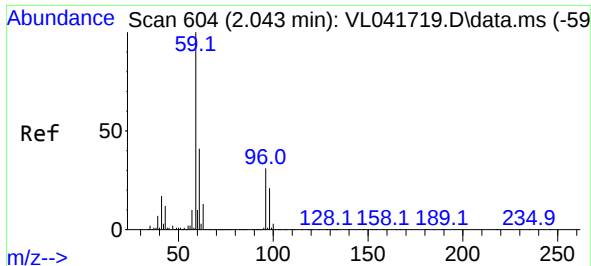
Tgt Ion: 43 Resp: 842933
Ion Ratio Lower Upper
43 100
58 35.5 28.9 43.3



#16
1,3-Butadiene
Concen: 0.206 ppbv
RT: 1.596 min Scan# 466
Delta R.T. -0.016 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 39 Resp: 1924
Ion Ratio Lower Upper
39 100
54 72.3 85.0 127.6#

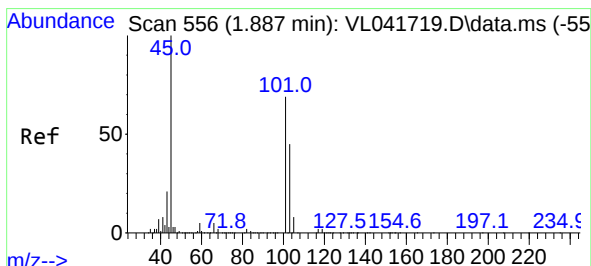
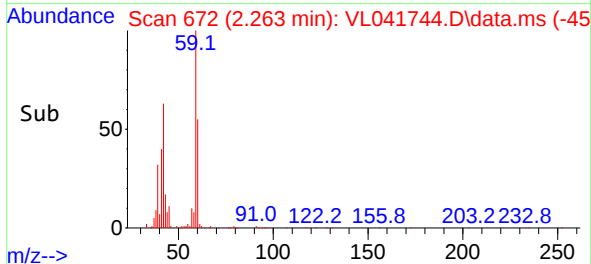
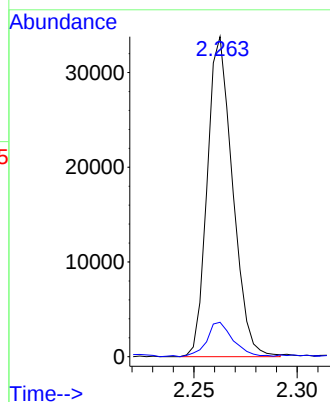
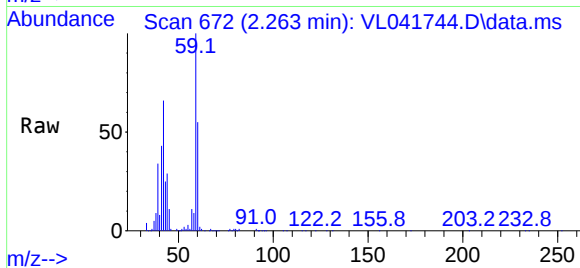




#17
tert-Butyl alcohol
Concen: 0.714 ppbv
RT: 2.263 min Scan# 61
Delta R.T. 0.220 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

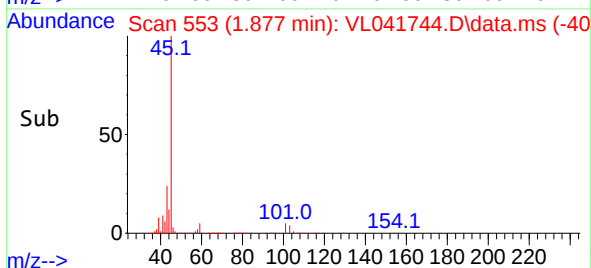
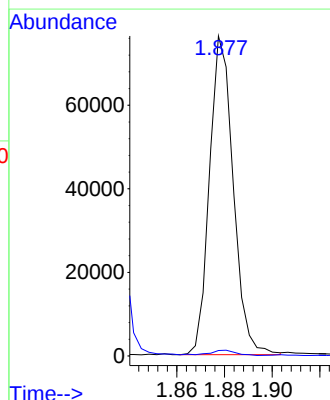
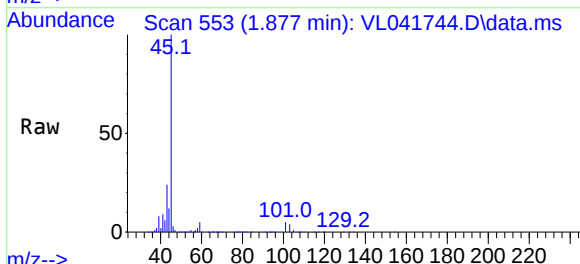
Instrument :
MSVOA_L
ClientSampleId :

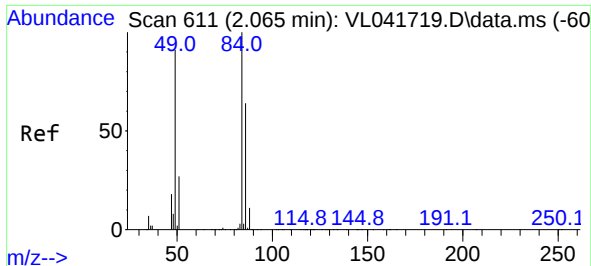
Tgt Ion: 59 Resp: 28806
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4



#19
Isopropyl Alcohol
Concen: 2.002 ppbv
RT: 1.877 min Scan# 553
Delta R.T. -0.010 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 45 Resp: 52905
Ion Ratio Lower Upper
45 100
58 565.9 40.6 61.0#



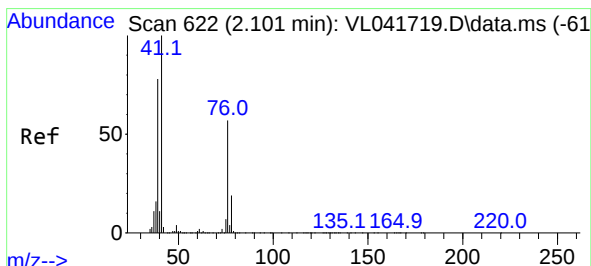
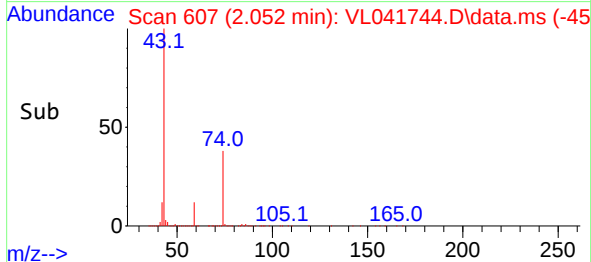
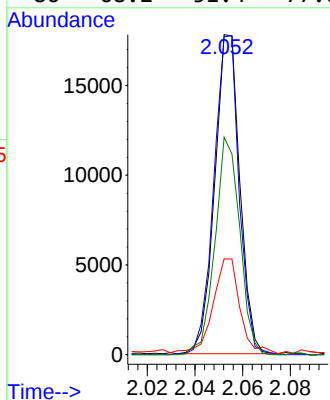
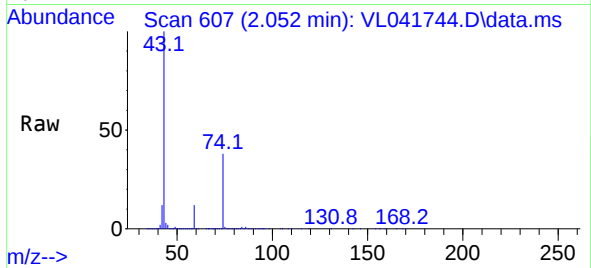


#20
Methylene Chloride
Concen: 0.770 ppbv
RT: 2.052 min Scan# 605
Delta R.T. -0.013 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 12969

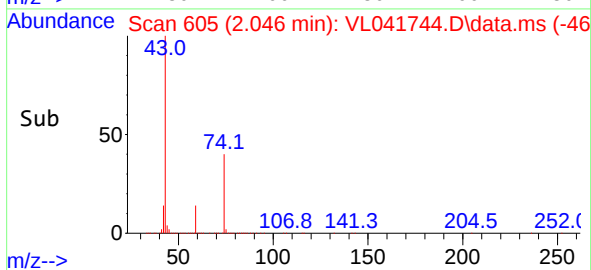
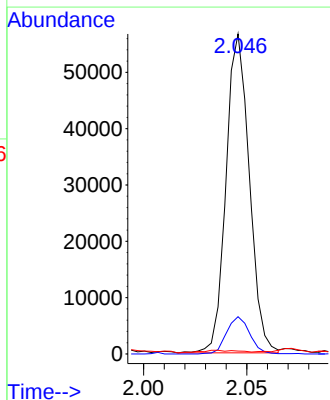
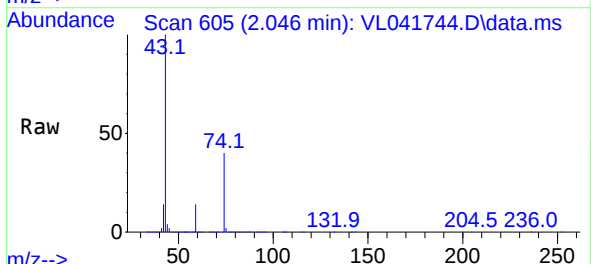
Ion	Ratio	Lower	Upper
84	100		
49	99.6	73.6	110.4
51	29.7	22.7	34.1
86	68.2	51.4	77.0

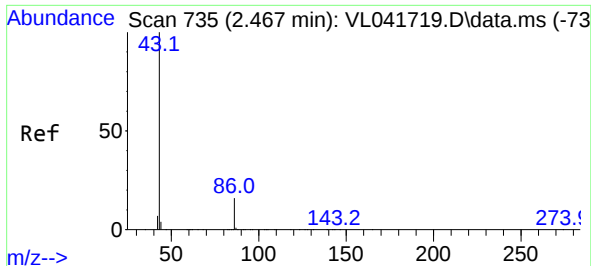


#21
Allyl Chloride
Concen: 2.837 ppbv
RT: 2.046 min Scan# 605
Delta R.T. -0.055 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 41 Resp: 44433

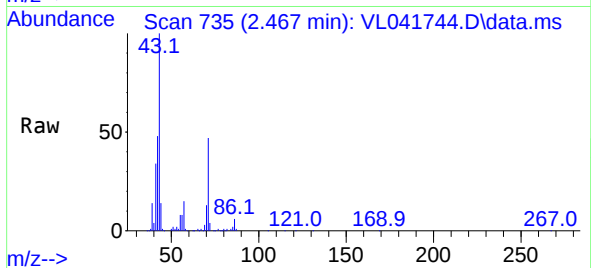
Ion	Ratio	Lower	Upper
41	100		
76	11.9	44.2	66.2#
39	0.0	62.8	94.2#





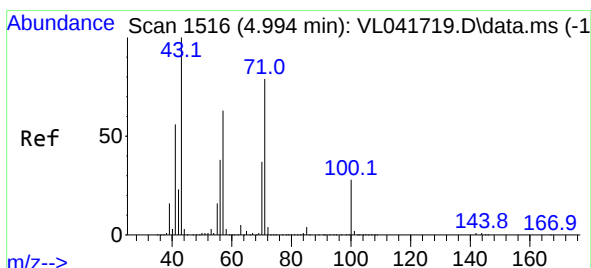
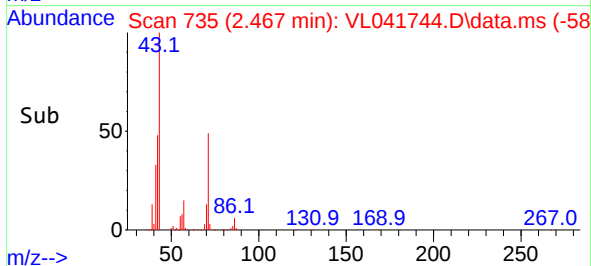
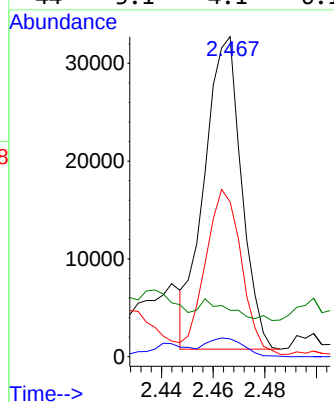
#23
Vinyl Acetate
Concen: 1.899 ppbv
RT: 2.467 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Instrument :
MSVOA_1
ClientSampleId :



Tgt Ion: 43 Resp: 31990

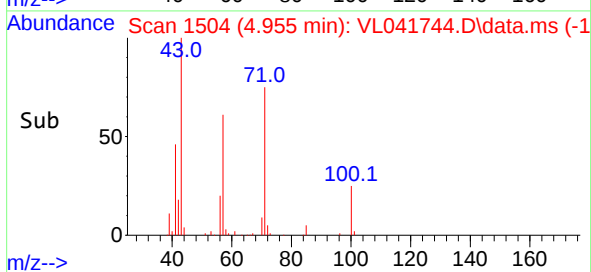
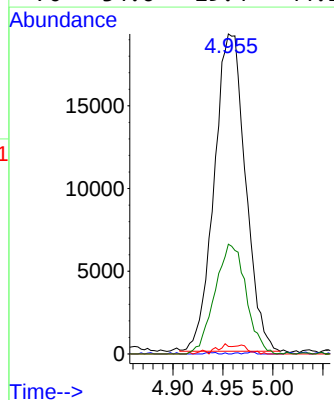
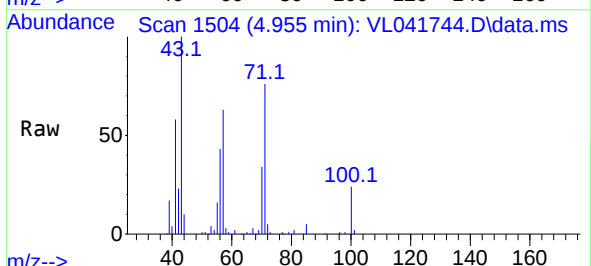
Ion	Ratio	Lower	Upper
43	100		
86	5.5	11.5	17.3#
42	48.8	6.6	10.0#
44	3.1	4.1	6.1#

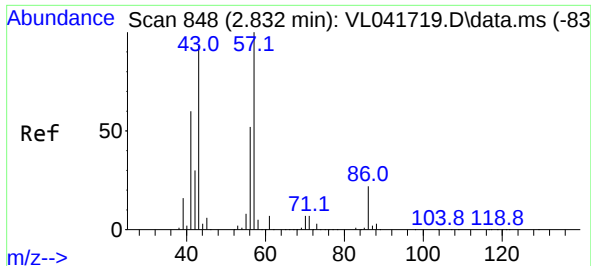


#25
Ethyl Acetate
Concen: 1.079 ppbv
RT: 4.955 min Scan# 1504
Delta R.T. -0.039 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 43 Resp: 41710

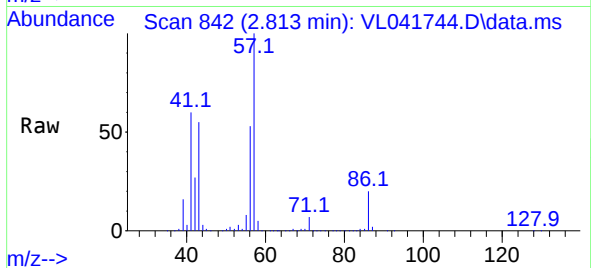
Ion	Ratio	Lower	Upper
43	100		
45	0.1	0.0	0.0#
61	2.9	0.4	0.6#
70	34.6	29.4	44.2



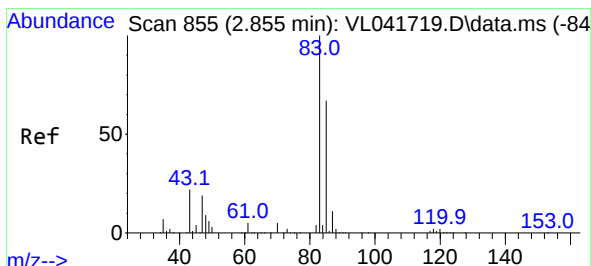
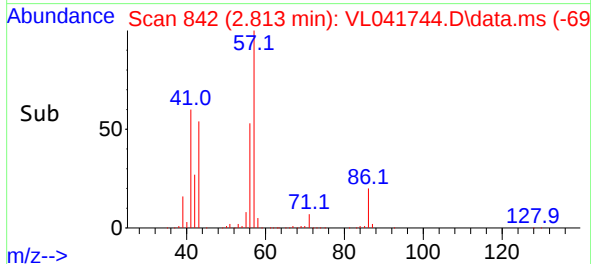
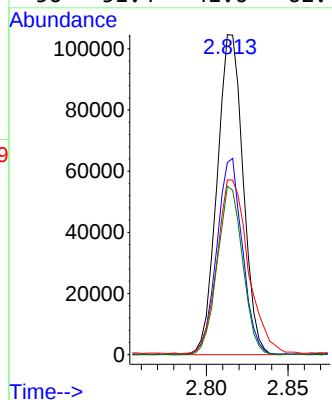


#26
Hexane
Concen: 3.097 ppbv
RT: 2.813 min Scan# 841
Delta R.T. -0.020 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Instrument :
MSVOA_L
ClientSampleId :

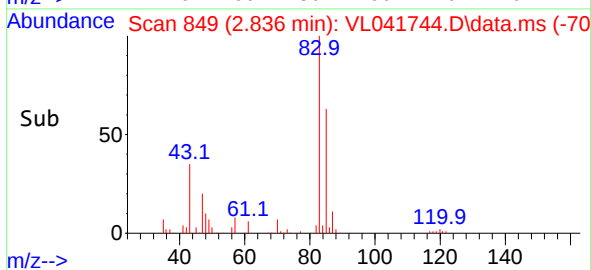
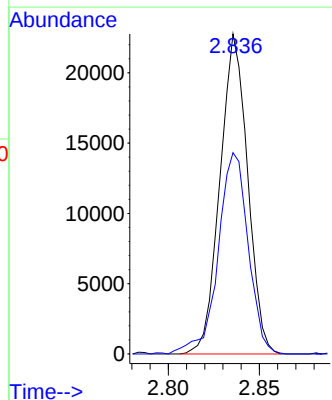
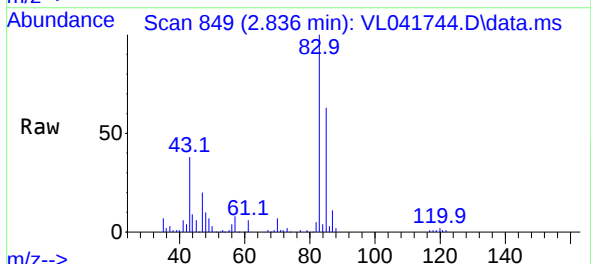


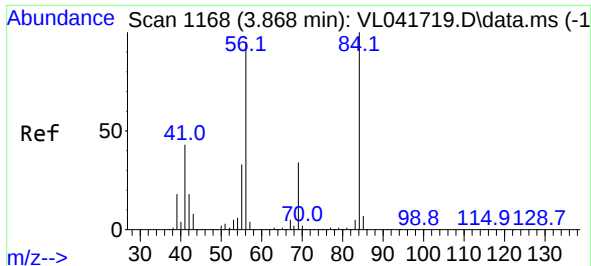
Tgt Ion: 57 Resp: 116111
Ion Ratio Lower Upper
57 100
41 60.2 49.5 74.3
43 65.3 150.6 225.8#
56 51.4 41.6 62.4



#29
Chloroform
Concen: 0.418 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.020 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 83 Resp: 24020
Ion Ratio Lower Upper
83 100
85 62.6 53.6 80.4

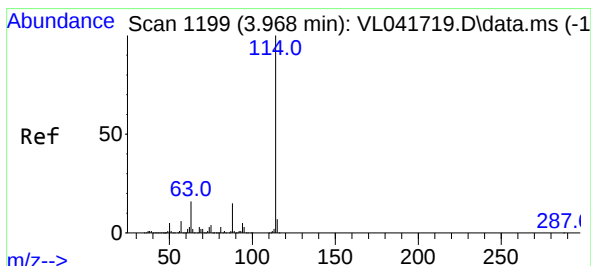
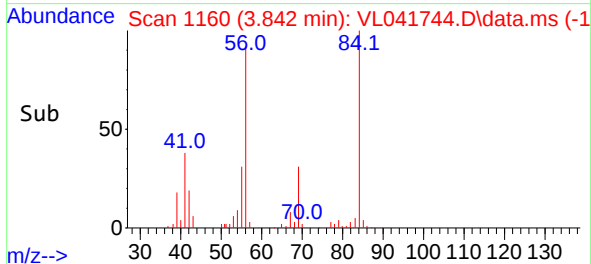
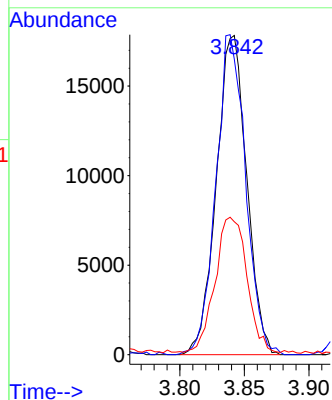
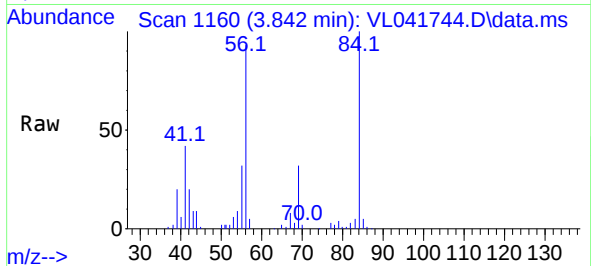




#30
Cyclohexane
Concen: 0.693 ppbv
RT: 3.842 min Scan# 1160
Delta R.T. -0.026 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

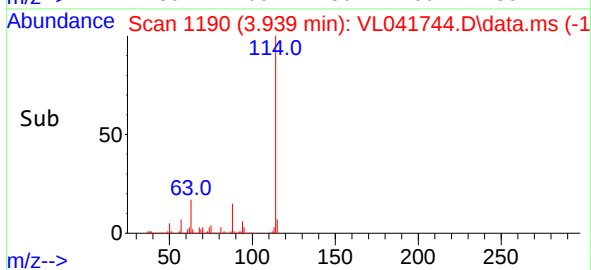
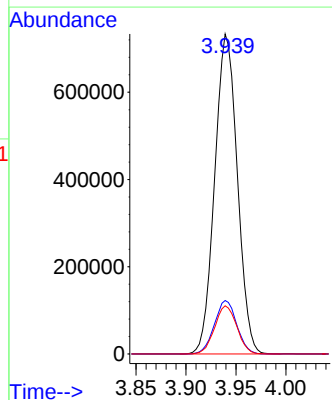
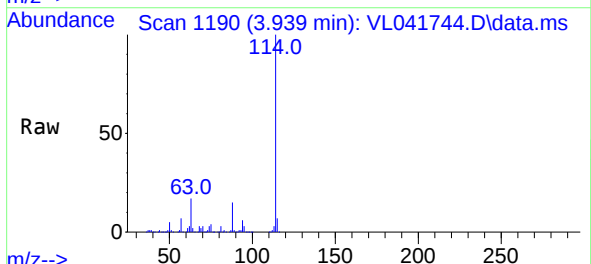
Instrument :
MSVOA_L
ClientSampleId :

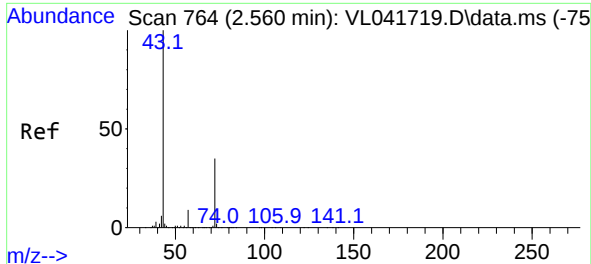
Tgt Ion: 84 Resp: 29183
Ion Ratio Lower Upper
84 100
56 97.9 76.0 114.0
41 43.7 34.2 51.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.939 min Scan# 1190
Delta R.T. -0.029 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 114 Resp: 1155765
Ion Ratio Lower Upper
114 100
63 16.5 12.9 19.3
88 14.8 11.8 17.6

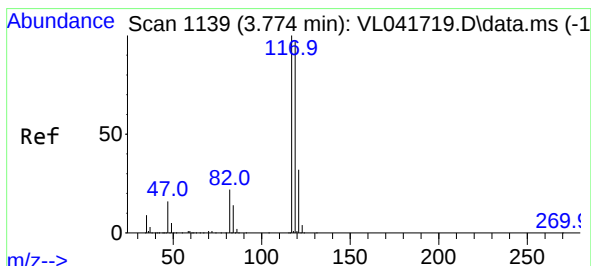
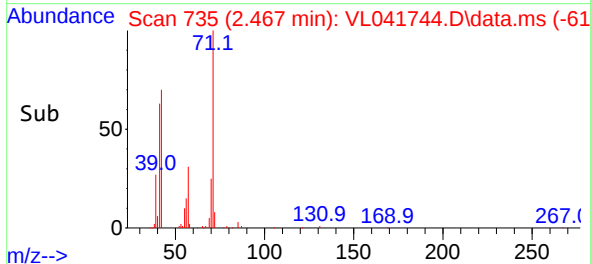
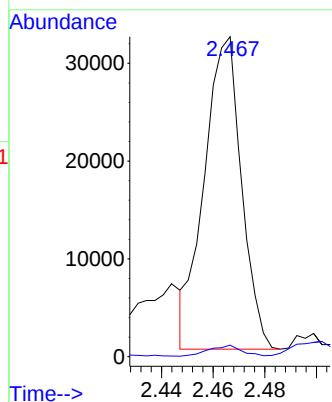
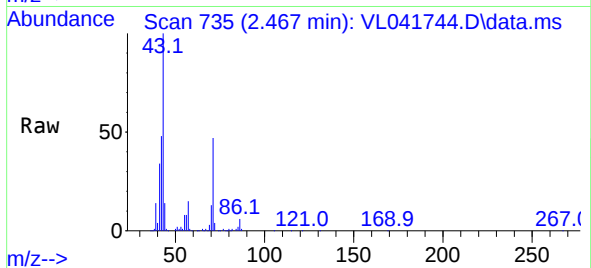




#34
2-Butanone
Concen: 0.791 ppbv
RT: 2.467 min Scan# 71
Delta R.T. -0.094 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

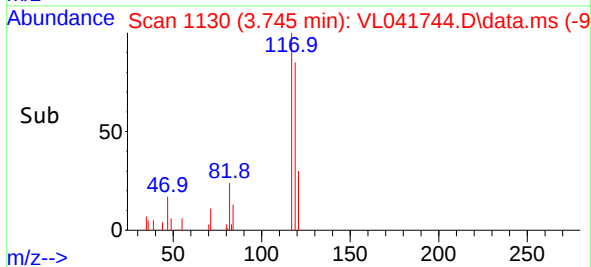
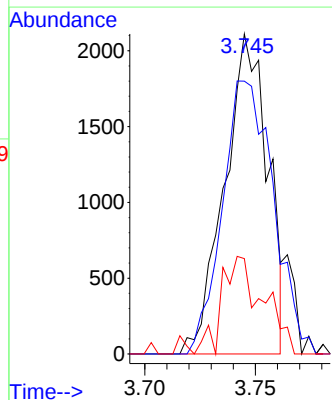
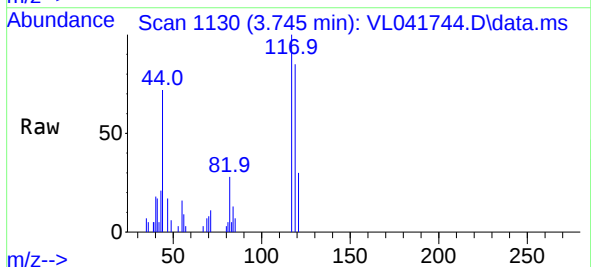
Instrument :
MSVOA_L
ClientSampleId :

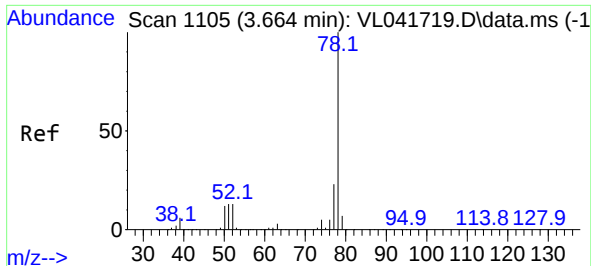
Tgt Ion: 43 Resp: 31990
Ion Ratio Lower Upper
43 100
72 3.9 28.3 42.5#



#35
Carbon Tetrachloride
Concen: 0.053 ppbv
RT: 3.745 min Scan# 1130
Delta R.T. -0.029 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 117 Resp: 2869
Ion Ratio Lower Upper
117 100
119 85.3 77.7 116.5
121 24.1 25.5 38.3#

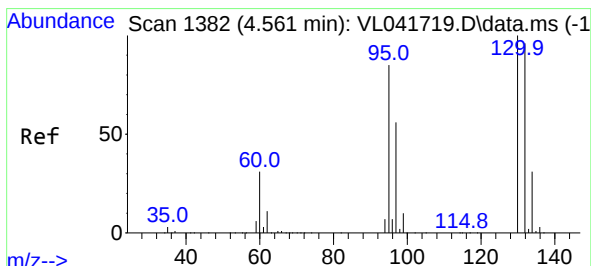
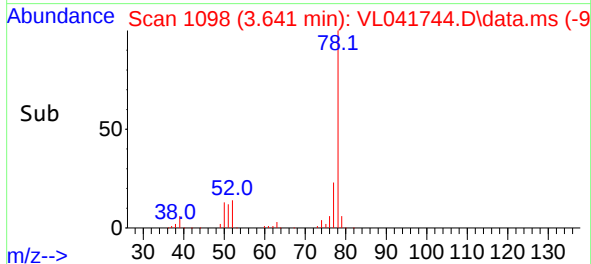
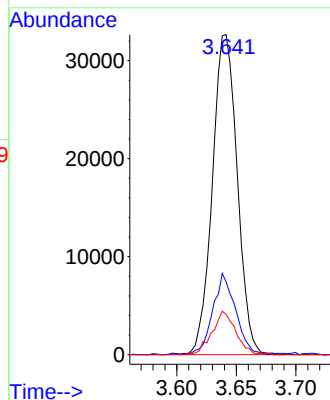
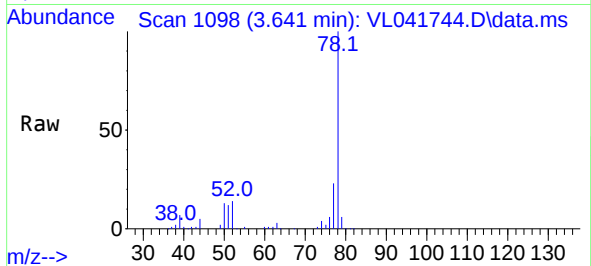




#36
Benzene
Concen: 0.522 ppbv
RT: 3.641 min Scan# 1098
Delta R.T. -0.023 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

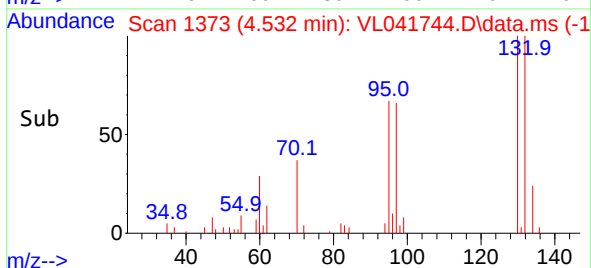
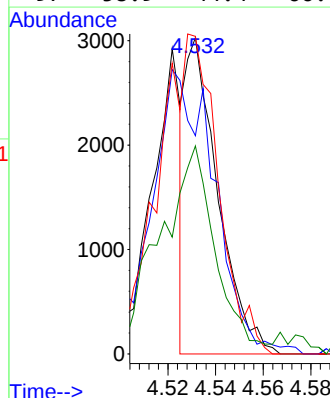
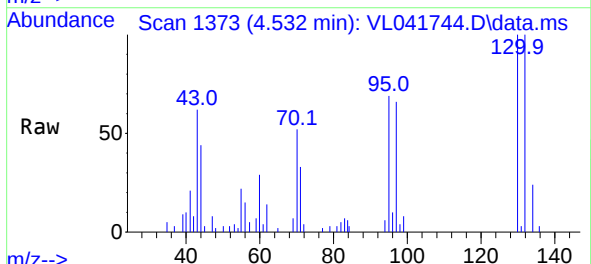
Instrument :
MSVOA_L
ClientSampleId :

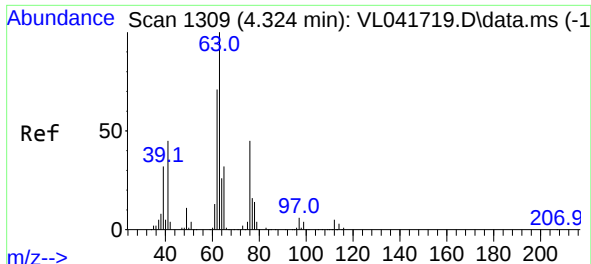
Tgt Ion: 78 Resp: 47429
Ion Ratio Lower Upper
78 100
77 22.5 18.6 27.8
50 12.7 9.5 14.3



#38
Trichloroethene
Concen: 0.061 ppbv
RT: 4.532 min Scan# 1373
Delta R.T. -0.029 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

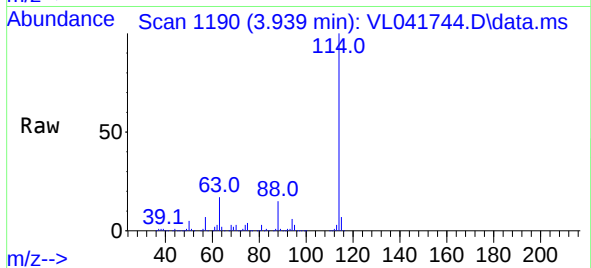
Tgt Ion:130 Resp: 2871
Ion Ratio Lower Upper
130 100
95 66.8 68.0 102.0#
132 100.4 76.5 114.7
97 58.9 44.4 66.6



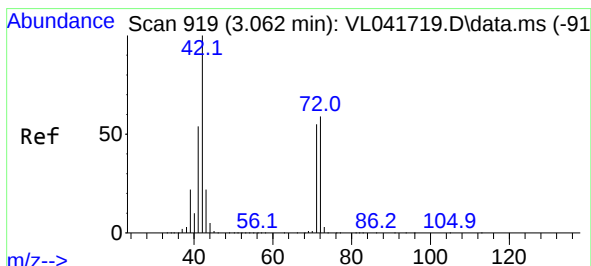
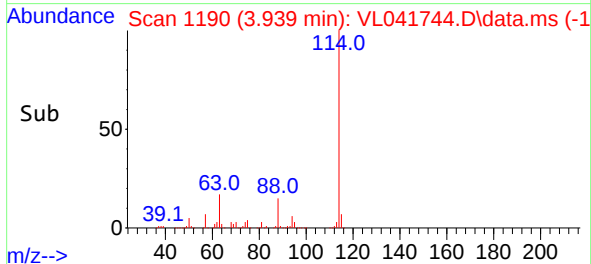
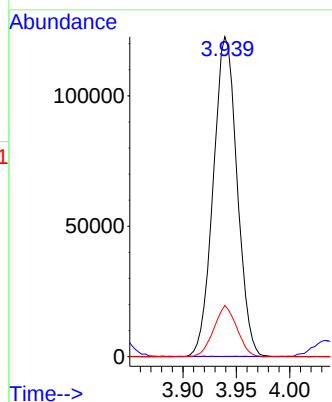


#39
1,2-Dichloropropane
Concen: 6.582 ppbv
RT: 3.939 min Scan# 11
Delta R.T. -0.385 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Instrument :
MSVOA_L
ClientSampleId :

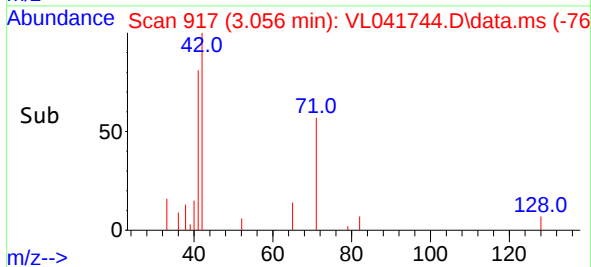
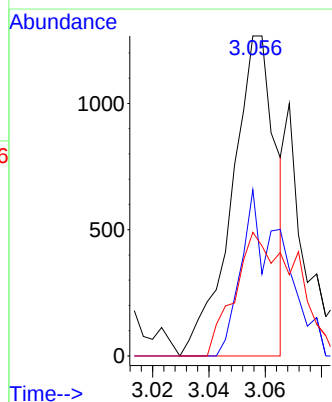
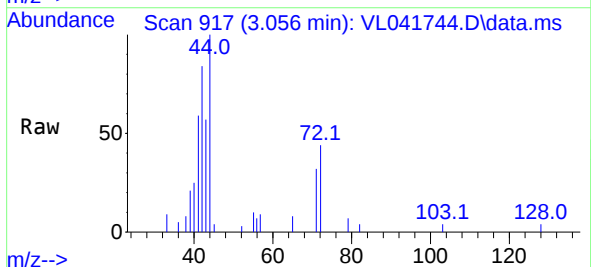


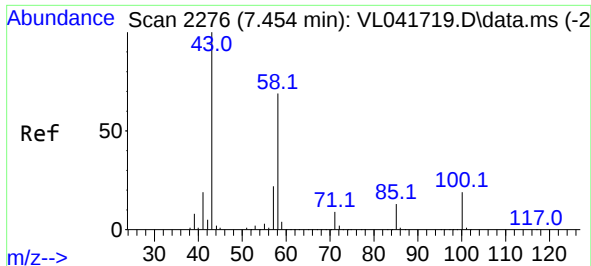
Tgt Ion: 63 Resp: 190592
Ion Ratio Lower Upper
63 100
41 0.0 36.4 54.6#
62 16.0 56.6 85.0#



#41
Tetrahydrofuran
Concen: 0.056 ppbv
RT: 3.056 min Scan# 917
Delta R.T. -0.007 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

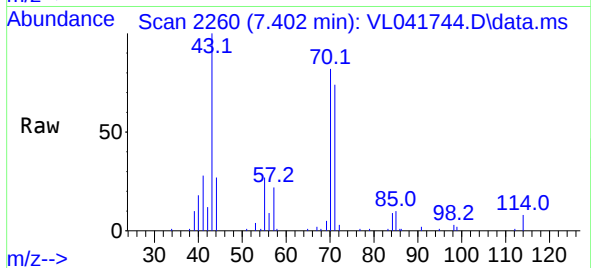
Tgt Ion: 42 Resp: 1365
Ion Ratio Lower Upper
42 100
72 50.1 47.4 71.0
71 53.7 44.4 66.6



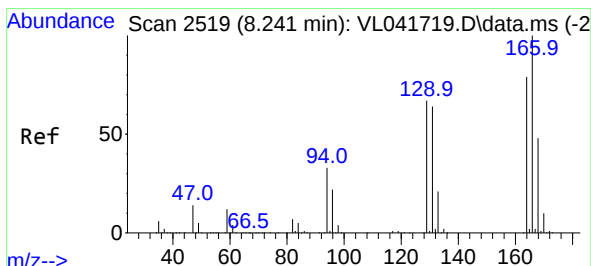
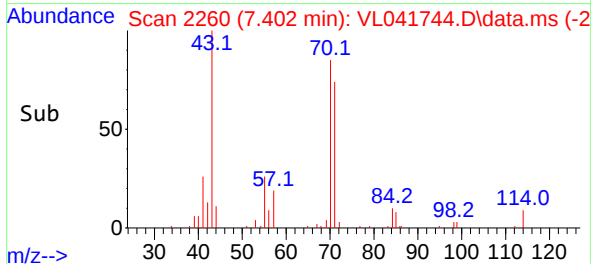
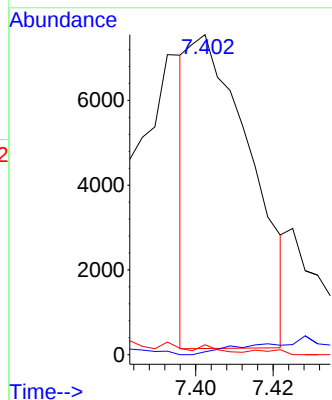


#51
2-Hexanone
Concen: 0.172 ppbv
RT: 7.402 min Scan# 21
Delta R.T. -0.052 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Instrument :
MSVOA_L
ClientSampleId :

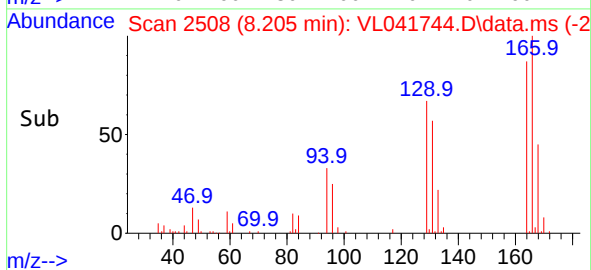
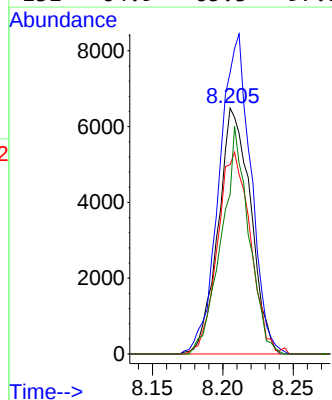
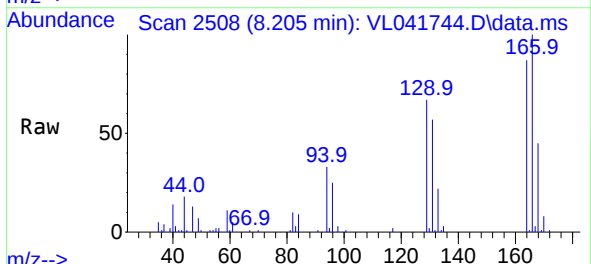


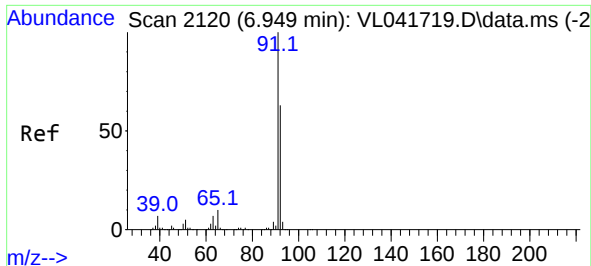
Tgt Ion: 43 Resp: 8231
Ion Ratio Lower Upper
43 100
58 0.0 54.2 81.4#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.215 ppbv
RT: 8.205 min Scan# 2508
Delta R.T. -0.036 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 164 Resp: 10370
Ion Ratio Lower Upper
164 100
166 114.6 101.4 152.0
129 77.1 67.6 101.4
131 64.9 65.3 97.9#

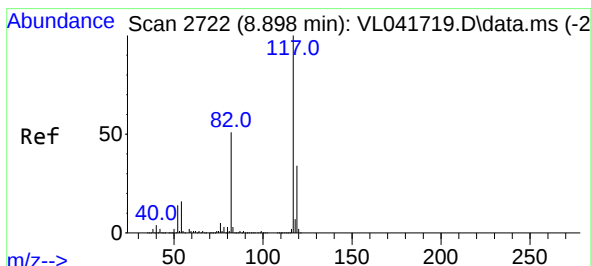
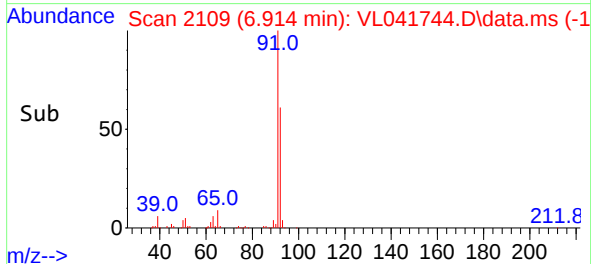
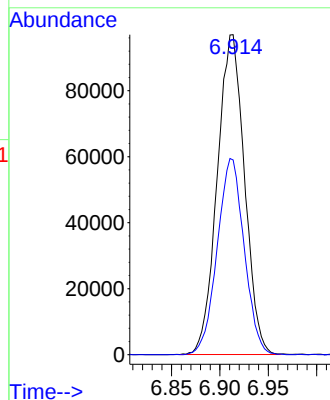
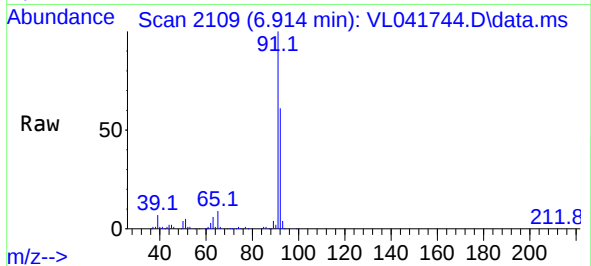




#53
Toluene
Concen: 1.703 ppbv
RT: 6.914 min Scan# 2112
Delta R.T. -0.036 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

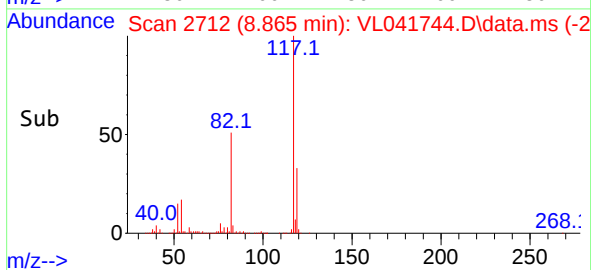
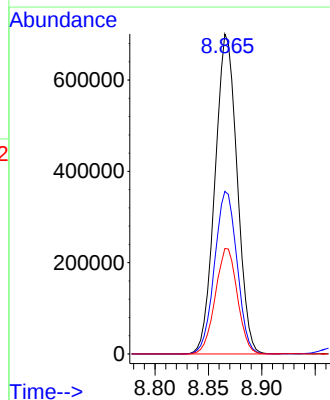
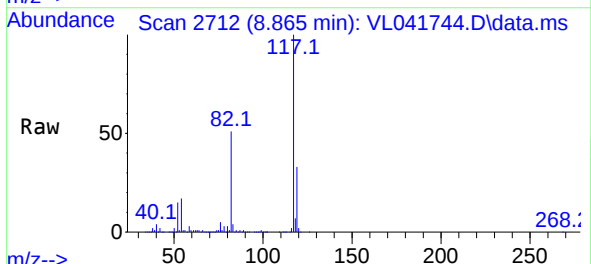
Instrument :
MSVOA_L
ClientSampleId :

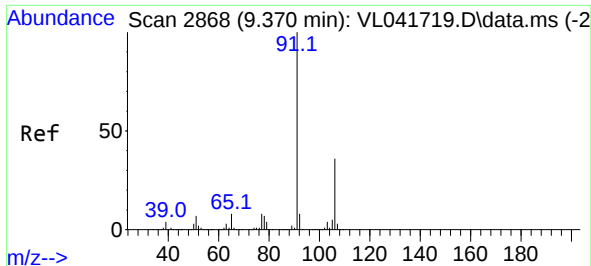
Tgt Ion: 91 Resp: 190225
Ion Ratio Lower Upper
91 100
92 60.5 49.7 74.5



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.865 min Scan# 2712
Delta R.T. -0.032 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 117 Resp: 1010391
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 33.1 25.8 38.8





#58

Ethyl Benzene

Concen: 0.536 ppbv

RT: 9.341 min Scan# 21

Delta R.T. -0.029 min

Lab File: VL041744.D

Acq: 12 Dec 2024 11:04

Instrument :

MSVOA_L

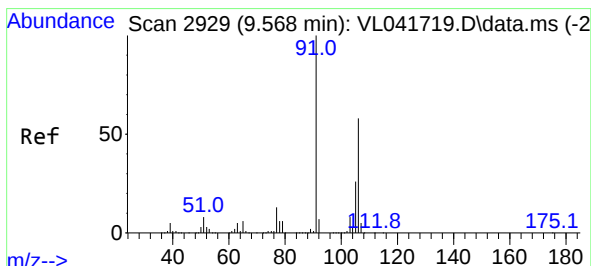
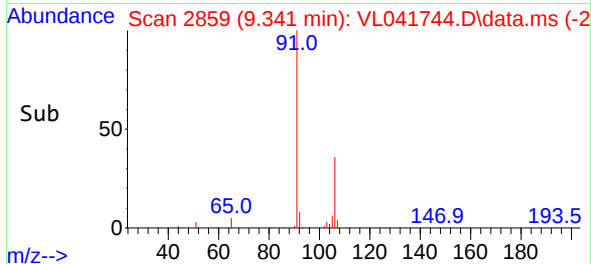
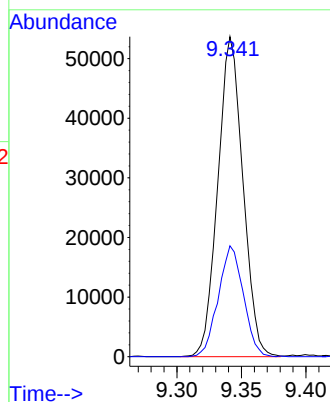
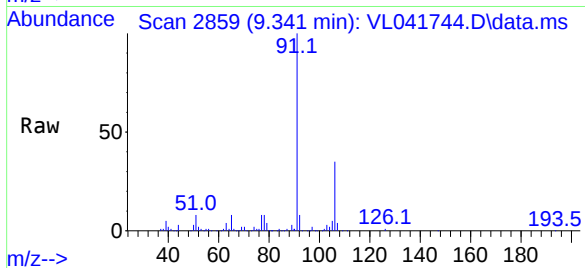
ClientSampleId :

Tgt Ion: 91 Resp: 72440

Ion Ratio Lower Upper

91 100

106 34.7 28.6 43.0



#59

m/p-Xylene

Concen: 1.539 ppbv

RT: 9.519 min Scan# 2914

Delta R.T. -0.049 min

Lab File: VL041744.D

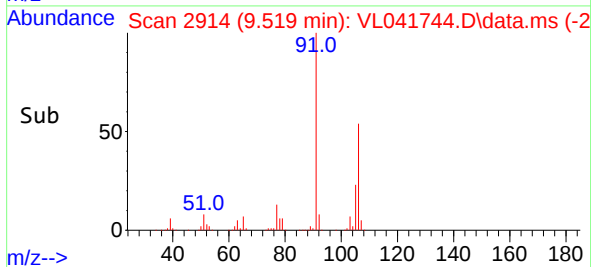
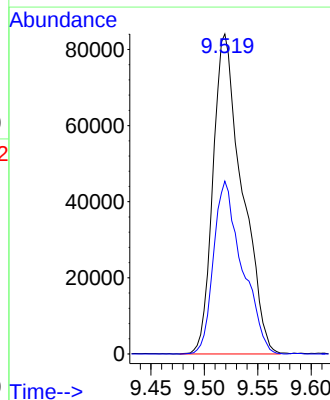
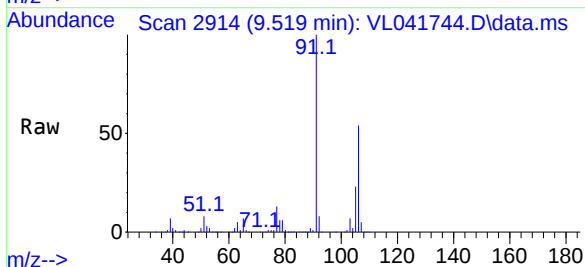
Acq: 12 Dec 2024 11:04

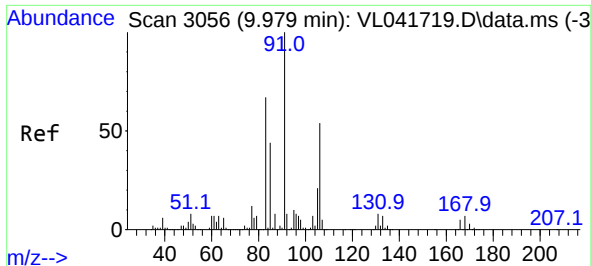
Tgt Ion: 91 Resp: 159461

Ion Ratio Lower Upper

91 100

106 53.1 45.1 67.7

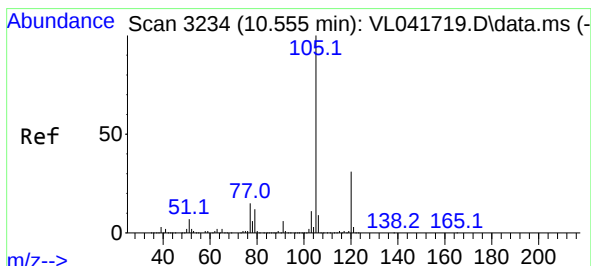
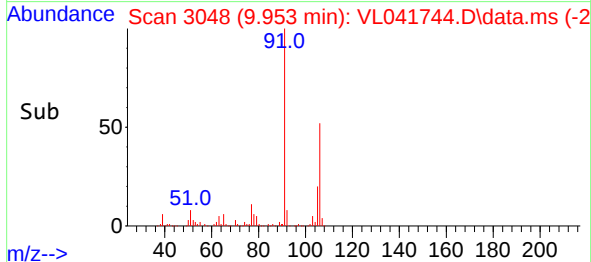
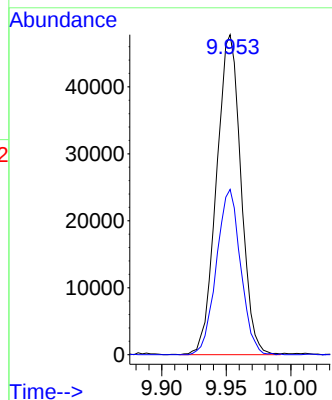
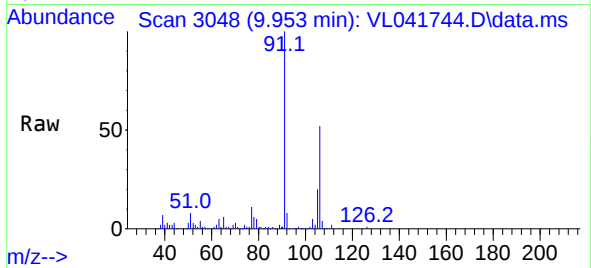




#60
o-Xylene
Concen: 0.612 ppbv
RT: 9.953 min Scan# 3056
Delta R.T. -0.026 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

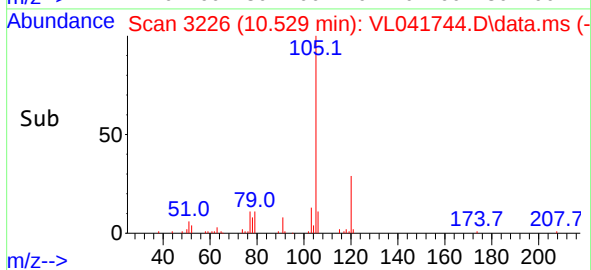
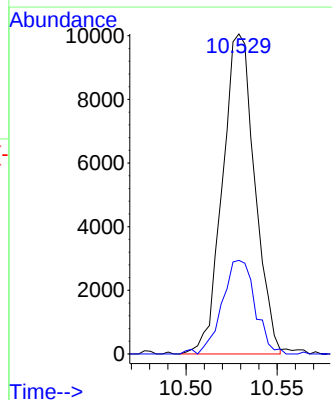
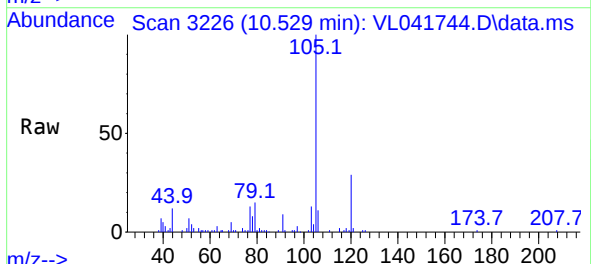
Instrument :
MSVOA_L
ClientSampleId :

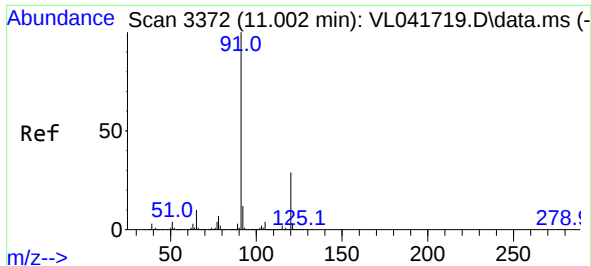
Tgt Ion: 91 Resp: 62880
Ion Ratio Lower Upper
91 100
106 51.1 26.8 80.4



#62
Isopropylbenzene
Concen: 0.073 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. -0.026 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 105 Resp: 12390
Ion Ratio Lower Upper
105 100
120 30.0 24.3 36.5

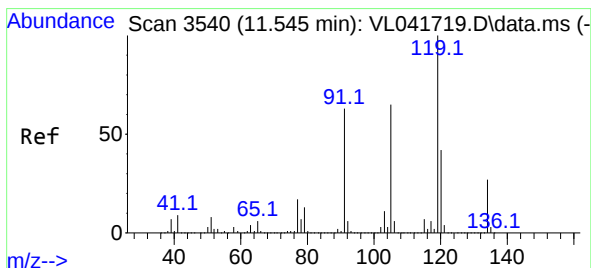
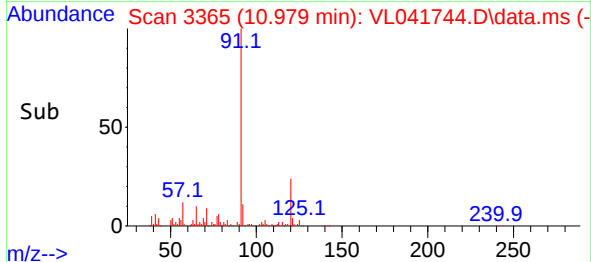
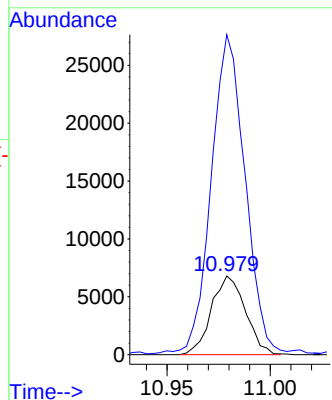
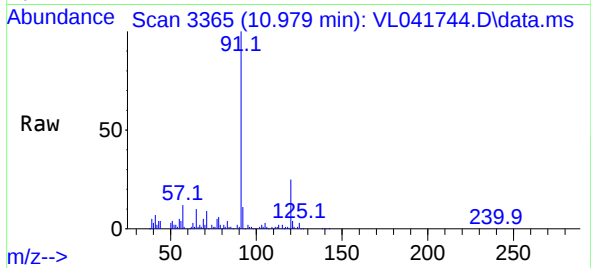




#64
n-propylbenzene
Concen: 0.156 ppbv
RT: 10.979 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

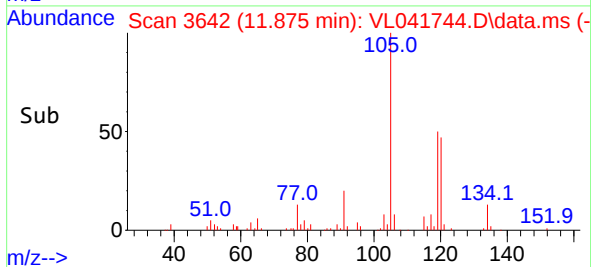
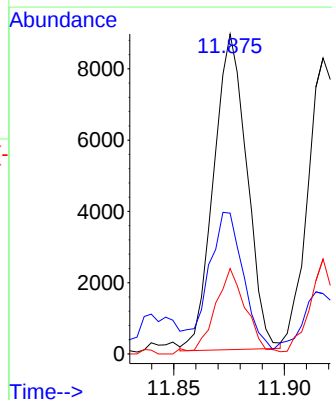
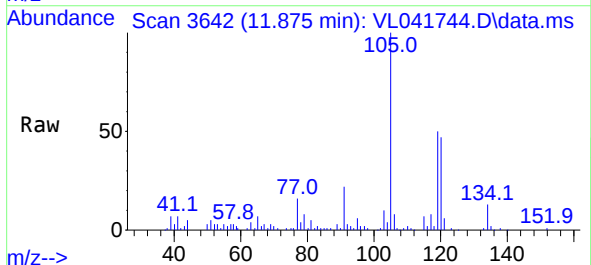
Instrument :
MSVOA_L
ClientSampleId :

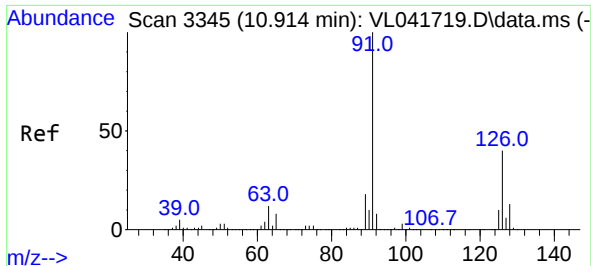
Tgt Ion:120 Resp: 7776
Ion Ratio Lower Upper
120 100
91 405.3 290.8 436.2



#65
tert-Butylbenzene
Concen: 0.058 ppbv
RT: 11.875 min Scan# 3642
Delta R.T. 0.330 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

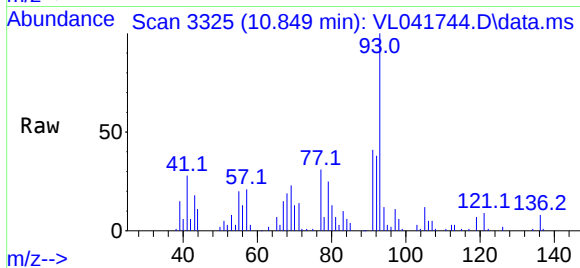
Tgt Ion:119 Resp: 9270
Ion Ratio Lower Upper
119 100
91 56.6 50.2 75.4
134 25.9 20.4 30.6



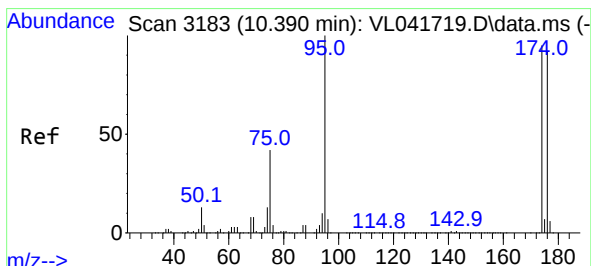
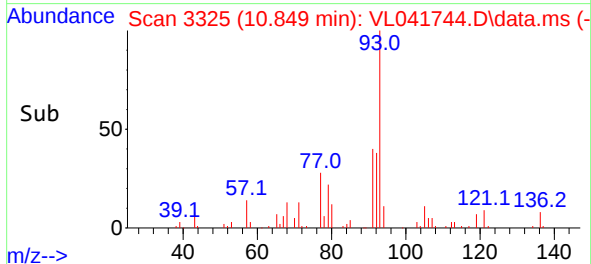
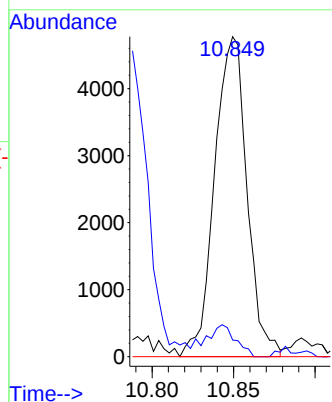


#66
Benzyl Chloride
Concen: 0.057 ppbv
RT: 10.849 min Scan# 3175
Delta R.T. -0.065 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Instrument :
MSVOA_L
ClientSampleId :

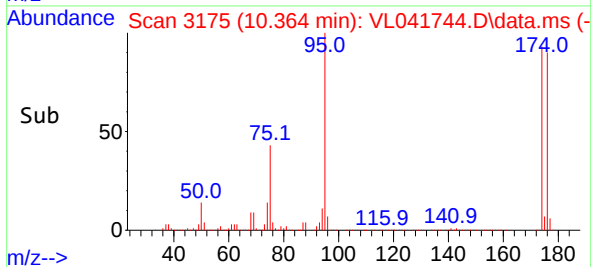
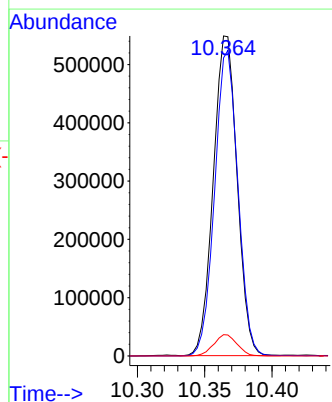
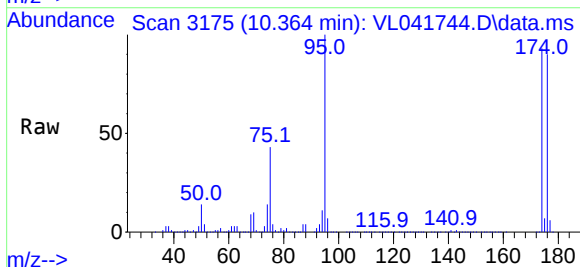


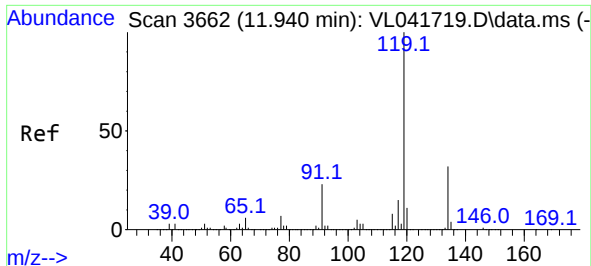
Tgt Ion: 91 Resp: 6598
Ion Ratio Lower Upper
91 100
126 9.1 31.8 47.8#
128 0.0 10.3 15.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.165 ppbv
RT: 10.364 min Scan# 3175
Delta R.T. -0.026 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion: 95 Resp: 675151
Ion Ratio Lower Upper
95 100
174 93.5 76.7 115.1
175 6.6 5.4 8.2





#69

p-Isopropyltoluene

Concen: 0.048 ppbv

RT: 11.918 min Scan# 3

Delta R.T. -0.023 min

Lab File: VL041744.D

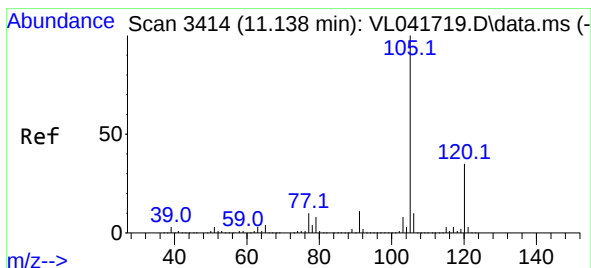
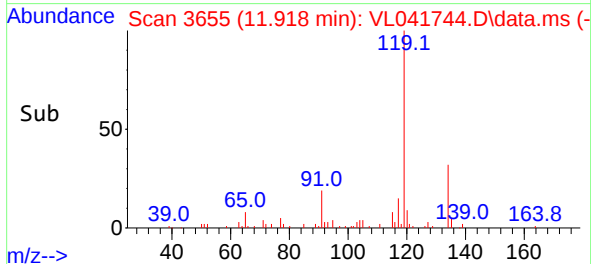
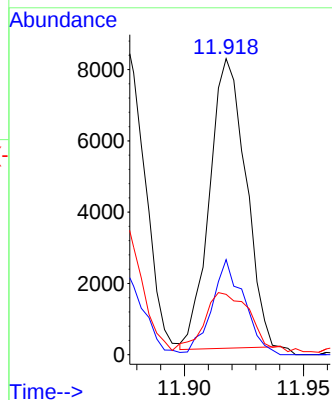
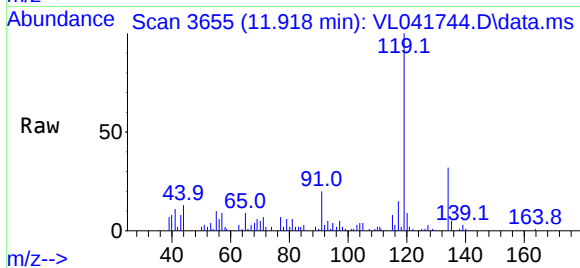
Acq: 12 Dec 2024 11:04

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:119	Resp:	8592
Ion	Ratio	Lower Upper
119	100	
134	29.4	24.6 36.8
91	25.9	17.8 26.8



#72

4-Ethyltoluene

Concen: 0.544 ppbv

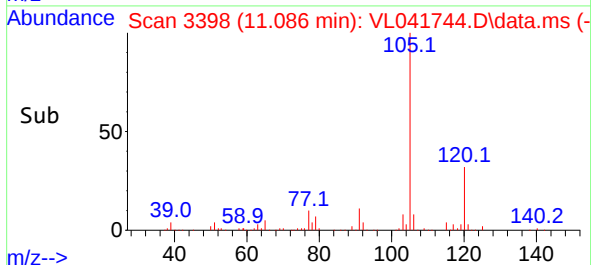
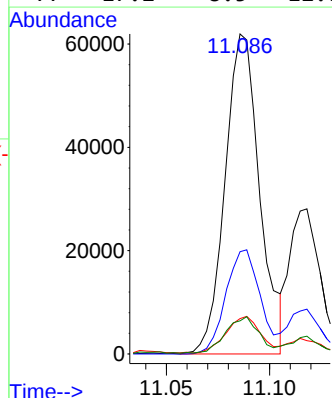
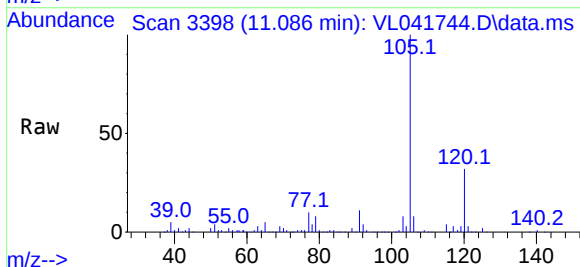
RT: 11.086 min Scan# 3398

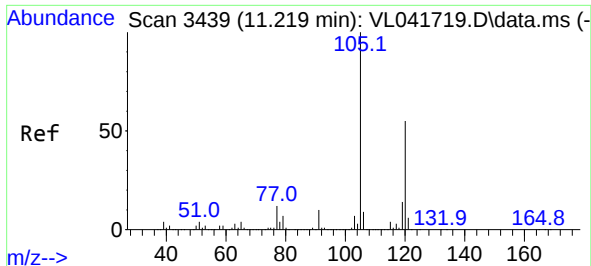
Delta R.T. -0.052 min

Lab File: VL041744.D

Acq: 12 Dec 2024 11:04

Tgt Ion:105	Resp:	72190
Ion	Ratio	Lower Upper
105	100	
120	45.6	28.0 42.0#
91	16.2	8.8 13.2#
77	17.2	8.5 12.7#

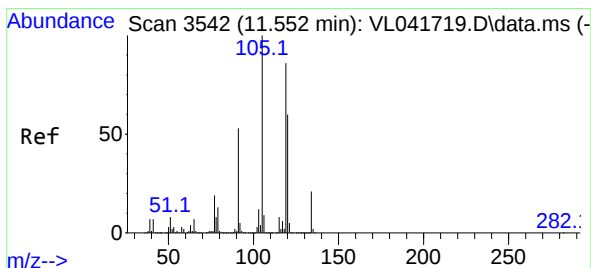
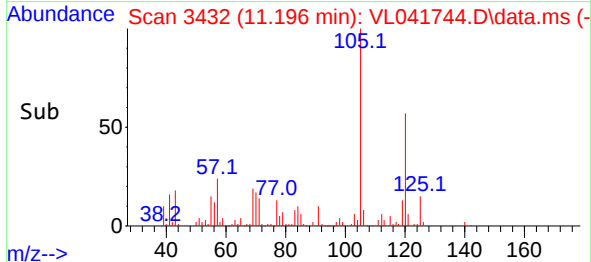
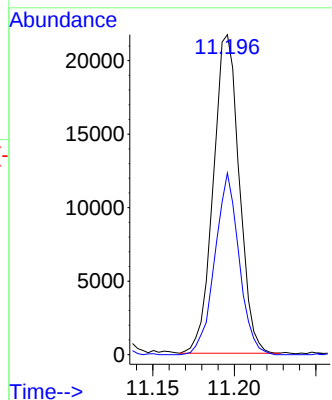
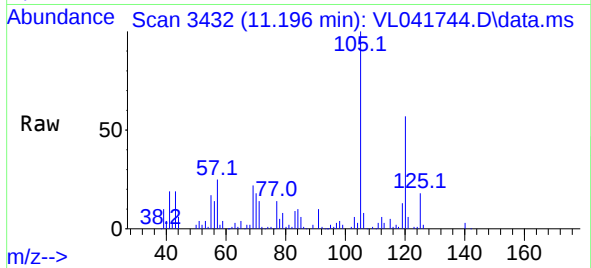




#73
1,3,5-Trimethylbenzene
Concen: 0.223 ppbv
RT: 11.196 min Scan# 34
Delta R.T. -0.023 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

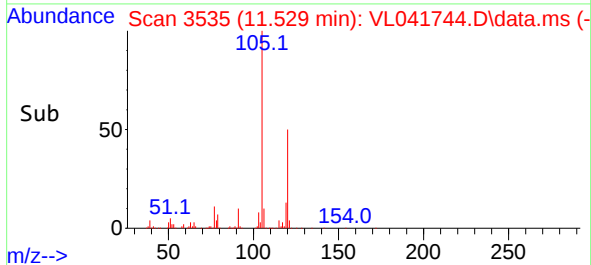
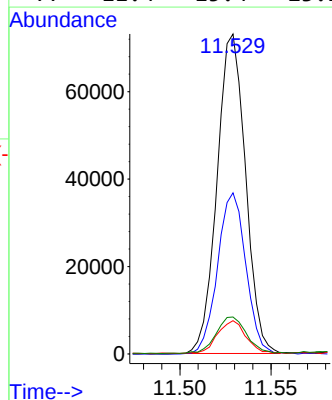
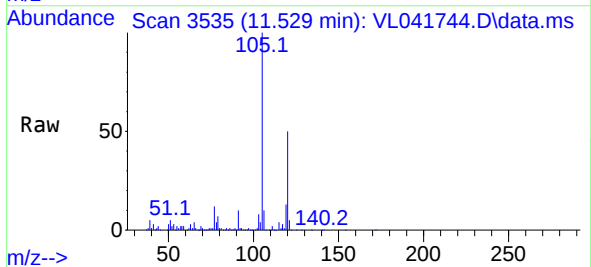
Instrument :
MSVOA_L
ClientSampleId :

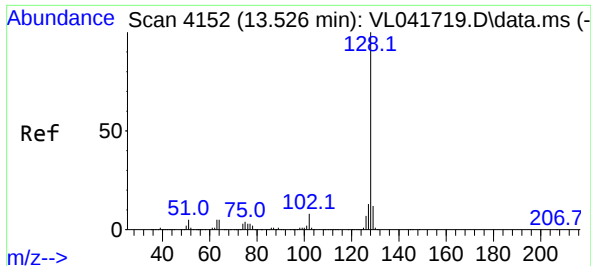
Tgt Ion:105 Resp: 23968
Ion Ratio Lower Upper
105 100
120 57.0 43.6 65.4



#74
1,2,4-Trimethylbenzene
Concen: 0.681 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.023 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

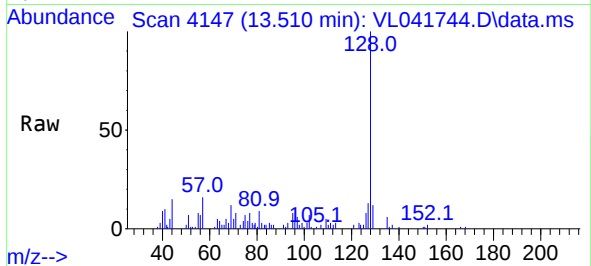
Tgt Ion:105 Resp: 79433
Ion Ratio Lower Upper
105 100
120 50.4 47.8 71.6
91 10.2 42.5 63.7#
77 11.4 15.4 23.2#



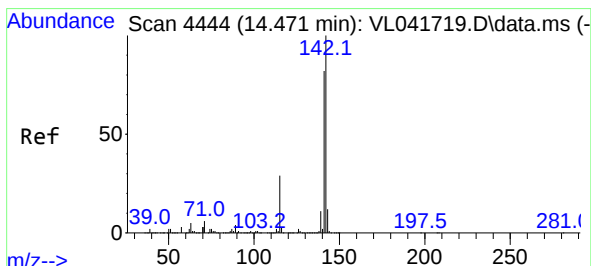
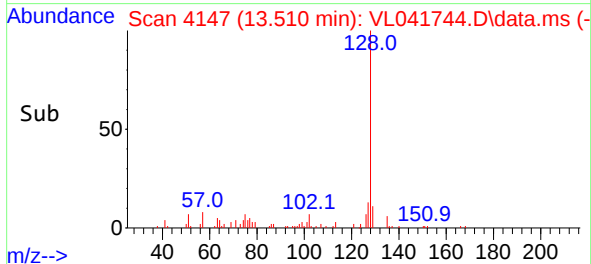
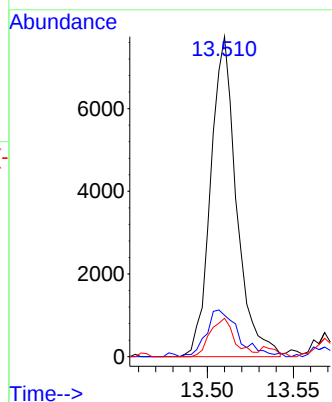


#79
Naphthalene
Concen: 0.081 ppbv
RT: 13.510 min Scan# 4152
Delta R.T. -0.016 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:128 Resp: 8080
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 12.0 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 0.054 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.013 min
Lab File: VL041744.D
Acq: 12 Dec 2024 11:04

Tgt Ion:142 Resp: 1941
Ion Ratio Lower Upper
142 100
141 84.0 66.0 99.0
115 50.8 22.8 34.2#

